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ABSTRACT

This document contains data obtained from a pretest survey conducted to test the applicability of the instrument and the suitability of procedures to be used in the survey of secondary-level course offerings and enrollments during the 1972-73 school year. The last comprehensive survey of this nature was taken during the 1960-61 school year. The most notable general developments in course offerings and enrollments in the past decade have been (1) the greater variety of courses offered, (2) the extent to which advanced or college-level courses are made available to pupils in high school, and (3) the offering of traditionally upper level high school courses to younger pupils, particularly courses in mathematics and the natural sciences. Another finding of the pretest is that a multiplicity of short courses have been introduced into the curriculum. (Author/MLF)

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# PATTERNS OF COURSE OFFERINGS AND ENROLLMENTS IN PUBLIC SECONDARY SCHOOLS 1970-71

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HIGHLIGHTS

Average number of courses.--During the 1970-71 school year, the average secondary school pupil enrolled in 7.1 courses rather than the 6.4 courses reported 10 years earlier.

Environmental education.--Of the Nation's schools, 5.5 percent offered courses dealing exclusively with the environment and its protection. These courses had a total enrollment of 115,000 pupils.

Social sciences.--Within this field, the percentage of total enrollment reported in such specialized advanced courses as economics, psychology, and sociology nearly doubled between 1960-61 and 1970-71.

Biology.--In 1960-61, first-year biology ranked ninth in number of pupils enrolled. By 1970-71, it had risen to fifth place, accounting for over 20 percent of all natural science enrollments.

Foreign languages.--First-year French and first-year Spanish were each reported as being offered by nearly 50 percent of the Nation's secondary schools, while less than 20 percent of the schools continued to offer first-year Latin.

"Survey" courses.--Traditional generalized courses such as 11th-grade English and world history were not as important a part of the curriculum in 1970-71 as in previous years. Such courses are being replaced by offerings answering more specialized pupil interests in the fields of language, literature, or history.

## FOREWORD

In recent years secondary school curriculums have changed substantially. The changes in many cases answer the increasing concern of communities and students for a greater relevance in course offerings. The decline in the number of schools offering Latin and the increase in those offering environmental education reflect--in part--this concern.

The National Center for Educational Statistics (NCES) will survey secondary-level course offerings and enrollments during the 1972-73 school year to make curricular data available to educators and other interested persons. The last comprehensive survey of this nature was taken during the 1960-61 school year.

In preparation for the 1972-73 survey, this Pretest Survey of Public and Nonpublic Secondary School Offerings, Enrollments, and Curriculum Practices, 1970-71, was conducted to test the applicability of the proposed survey instrument and the suitability of survey procedures. Demands for timely statistics have prompted the Office to release as an interim report the information gathered incidentally in the course of the pretest. This report should serve until more definitive statistics become available as a result of the planned full-scale survey.

The Office of Education gratefully acknowledges the cooperation given by the State education agencies and by the schools and school districts selected to participate in the pretest survey. The statistical assistance received from Charles Lauthers of NCES throughout the project and in the preparation of the Technical Appendix to this report is also appreciated. The pretest survey and the collection and tabulation of pretest data were conducted for the United States Department of Health, Education, and Welfare/Office of Education by Applied Management Sciences, under contract No. OEC-0-71-2721.

Roy C. Nehrt, Acting Chief
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CONTENTS


| | Page |
|---|---|
| FOREWORD | iii |
| INTRODUCTION | 1 |
| ANALYSIS OF THE DATA | 3 |
| Course Enrollments | 3 |
| Course Offerings Reflecting Current Interests | 6 |
| Foreign Languages | 6 |
| Career Training | 8 |
| Curriculum Trends | 8 |
| DESCRIPTION OF TABLES | 9 |
| APPENDIXES | |
| A. Technical Appendix | 20 |
| B. Course Aggregation Design | 25 |
| C. Reproduction of Survey Form | 33 |


## Figures


1. Course enrollments in each subject area as a percent of total secondary school enrollment: United States, 1970-71 . . . . . 2

2. Percent of public secondary school pupils enrolled in selected foreign language courses: United States, 1970-71 . . . . . 7


## Tables


1. Course enrollments in subject areas, and percentage these enrollments are of total pupils enrolled in grades 7 to 12 of public secondary schools: United States, 1948-49, 1960-61, and 1970-71 . . . . . 10

2. Number and percent of public secondary schools offering specified courses and pupils enrolled in such courses: United States, 1970-71 . 11

3. Number and percent of respondent grade 7-12 public schools, by school size and grade span: United States, 1970-71 . . . . . 17

# INTRODUCTION

The National Center for Educational Statistics of the U.S. Office of Education is issuing this interim report, representing the 1970-71 school year, to meet insistent demands for information on courses being taught in the Nation's secondary schools and the number of pupils pursuing specific studies.

The survey from which the interim report data were derived was not intended to produce statistics for publication. Rather, it was primarily intended to pretest the questionnaire format and survey techniques designed for the full-scale offerings and enrollments survey planned for the 1972-73 school year. Because the small sample pretest of 270 public secondary schools achieved a response rate of about 97 percent and because the data reported were carefully verified and edited, it was decided that usable national estimates could be computed.* If used with care and with proper regard for the sampling variability set forth in the Technical Appendix to this report, these estimates will serve current needs of individuals with curriculum research and planning responsibilities until more definitive figures become available.

Throughout this report, distinctions are made between courses designed to be taught at two general levels of achievement (usually at grade 7 or 8 and at grade 9, 10, 11, or 12) and those taught at specific grade levels. Thus, "grade 7-8" or "grade 9-12" indicates that the course was designed for that general level, but "grades 7 and 8" and "grades 9-12" indicate that the data reported by respondents for separate grade-level courses were aggregated for the total shown. Examples are "U.S. history, grade 7-8" or "grade 9-12" and "Latin, grades 7 and 8" as shown in table 2 and appendix B.

Further explanations of sample restrictions, together with tables of standard errors, are included in the Technical Appendix to this report. We urge the user to examine these carefully when referencing these data. The last full-scale study of course offerings and enrollments in secondary schools was conducted in 1960-61 and the data derived therefrom are now obsolete.

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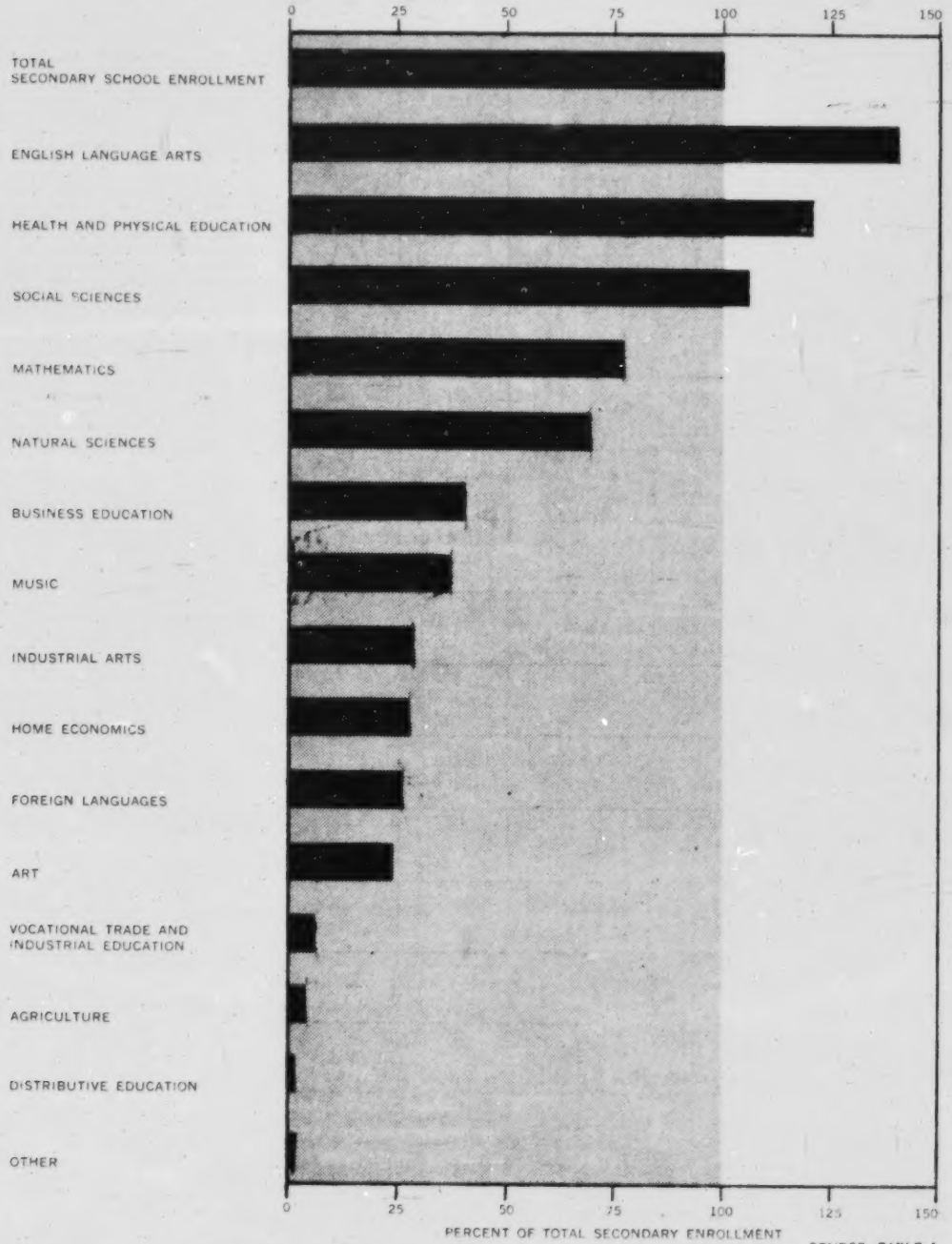
*The pretest survey was conducted by mail questionnaire (OE-2330) from March 31 to June 6, 1971. Cooperation was received from State and local education agencies in addition to the participation of individual schools. About 80 percent of the returned questionnaires were completed at the school level, while the remainder were completed in State education agencies and/or school district offices when these agencies had most of the data on hand. Data in this interim report are based on a canvass of approximately 1 percent of the Nation's 26,282 public secondary schools; consequently, sampling variability may be great where the estimates are small. Certain anomalies of the sample should be recognized, particularly the overrepresentation of schools offering grades 7 and 8 and the underrepresentation of large city schools.

**Figure 1.—Course enrollments in each subject area as a percent of total secondary school enrollment: United States, 1970-71**




SOURCE: TABLE 1
OE/NCES

**NOTE.—Subject-area totals of course enrollments may exceed the number of individual pupils, since a pupil may enroll in more than one course within a subject area during a school year.**

## ANALYSIS OF THE DATA

### Course Enrollments

Estimated course enrollments in the subject areas of English language arts, health and physical education, and social sciences each exceeded 100 percent of total school enrollment. (See table 1 and figure 1.) Such rates emphasize that (1) school authorities almost universally require a course in each of these areas for each pupil, and (2) with short courses and a heightened interest in these areas of study, pupils frequently enroll in more than one course in each area during the period of a school year. In the count of enrollments, these pupils are included more than once--one time for each course in which they enrolled.

In the three subject areas with course enrollments exceeding 100 percent of all 1970-71 secondary school pupils, a large segment of the enrollments was concentrated in generalized grade-specific courses. Enrollment in such courses made up 63.2 percent of all enrollments in the English language arts and 54.1 percent of all enrollments in the social sciences. Graded physical education courses and graded combined health and physical education courses together constituted 78.0 percent of all course registrations in health and physical education.

Mathematics. Within the subject area of mathematics, 35.1 percent of all enrollment was in 7th- and 8th-grade general mathematics. Upper level general mathematics courses represented only 18.3 percent of total mathematics enrollments. The single upper level mathematics course showing the largest enrollment was elementary algebra (16.5 percent of all mathematics enrollment). When totaled together, elementary, intermediate, and advanced algebra courses accounted for 27.7 percent of the course enrollment in mathematics.

Natural Sciences. First-year biology attracted the greatest number of pupils enrolled in the natural sciences, accounting for 21.4 percent of the enrollment in that subject area. The second most popular science course was grade 9-12 general science, representing 13.3 percent of all enrollment in the natural sciences. General science courses enrolled about the same number of pupils as a decade ago; yet, a decade ago they represented 56.6 percent of natural science enrollments, while in 1970-71 they comprised 36.4 percent. This downward trend in general science enrollments is balanced by increases in the more specific areas of earth science and physical sciences.

The 15 courses claiming the highest percentages of pupils enrolled have been ranked from highest to lowest, with comparative rank as of the preceding survey indicated in the following tabulation:

| Course title | 1970-71 Percent of pupils | Ranking 1/ 1970-71 | 1960-61 |
|---|---|---|---|
| General Mathematics, grades 7-8 | 27.0 | 1 | 1 |
| English, grade 9 | 20.5 | 2 | 2 |
| English, grade 10 | 17.3 | 3 | 3 |
| U.S. History, grade 9-12 | 16.7 | 4 | 4 |
| Biology, first year | 14.8 | 5 | 10 |
| English, grade 11 | 14.3 | 6 | 5 |
| English, grade 7 | 13.7 | 7 | 11 |
| English, grade 8 | 13.6 | 8 | 6 |
| Elementary Algebra | 12.6 | 9 | 12 |
| General or Fine Art (grades 7, 8, and 9) | 11.9 | 10 | 7 |
| Health | 11.6 | 11 | 19 |
| Physical Education, grade 9 | 11.4 | 12 | 20 |
| Driver Education (classroom phase) | 10.6 | 13 | 28 |
| General Music | 10.3 | 14 | 8 |
| Typewriting, first-year | 10.2 | 15 | 17 |

Four of these courses (first-year typewriting, health, 9th-grade physical education, and the classroom phase of driver education) ranked below 15th in the 1960-61 survey. The most spectacular change in rank was demonstrated in driver education. Four other courses (grade 8 general science, grade 9 general science, grade 7 or 8 U.S. history, and world history) included among the first 15 in the earlier survey have dropped to a lower ranking in the 1970-71 pretest survey.

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1/ The ranking may not be absolute, because there is a slight discrepancy between the aggregation of reported courses in the two surveys.

Some of the greatest increases in the number of courses offered were noted in English language arts and social sciences. An examination of the titles of the courses reported indicates that many of the new courses are intended to offer pupils a choice of studies and answer their contentions that the school curriculum is not relevant to their daily lives and concerns.

The pretest further reveals a trend toward substitution of specific courses for traditional combination offerings, particularly at the upper high school levels. For example, while enrollment in grades 9-12 world history dropped from 12.5 percent of total enrollment in 1960-61 to 9.2 percent in 1970-71, more particularized courses such as world cultures, Asian and African studies, and anthropology have replaced it in the current curriculum. Enrollment in these more specialized courses more than offset the decrease in enrollment in world history. In 1960-61, American literature was considered to be a component of 11th-grade English, and was so shown in the published survey. The 1970-71 data show American literature now to be an individual course in its own right, in which 6.7 percent of all secondary school pupils enroll. At the same time, enrollment in traditional 11th-grade English declined slightly, indicating that the emphasis is no longer placed on covering all facets of the English language arts in a single course. Instead, pupils enroll in separate composition, literature, and reading classes, as their individual abilities, needs, and interests dictate.

A sampling of advanced high school courses reported with greater frequency than in the preceding survey is shown below. The estimated percentages of schools offering the course and pupils enrolled in each are indicated for both 1960-61 and 1970-71. As a number of the reported courses have been aggregated for this presentation on the basis of frequency of occurrence in the pretest, many cannot be compared by course title alone because the 1960-61 courses were aggregated on a different basis. However, the following examples of courses are comparable in scope for the two surveys:

| Course title | Percent of schools offering | | Percent of enrollment | |
|---|---|---|---|---|
| | 1960-61 | 1970-71 | 1960-61 | 1970-71 |
| Advanced English | 1.4 | 15.3 | 0.1 | 1.8 |
| Creative Writing | 3.7 | 16.4 | .3 | 1.5 |
| Music Theory and Harmony | 5.4 | 13.1 | .3 | .4 |
| Psychology | 10.4 | 22.0 | 1.2 | 2.8 |
| Sociology | 19.5 | 33.2 | 2.5 | 4.3 |
| Spanish IV | 3.8 | 15.6 | .1 | .3 |

## Course Offerings Reflecting Current Interests

In the late 1950's, in consequence of the Soviet Union's launching of the first Sputnik, school authorities in the United States began to place greater emphasis on improving the mathematics and natural science curriculums of this Nation's schools. Under the sponsorship of the National Science Foundation, new methods of instruction such as SMSG (School Mathematics Study Group) mathematics and BSCS (Biological Sciences Curriculum Study) biology were developed. Such courses were reported in the 1960-61 survey, though not published separately. During the decade of the 1960's, the environmental and social problems of this country seized public attention. The response of the schools to this new concern is shown in the increased number of courses currently offered.

This concern with the environment and its protection was reflected in new courses entitled Environmental Problems, Ecology, and Environmental Sciences, with 5.5 percent of the schools offering at least one of these courses. In addition, the percent of schools offering earth science increased from 5.2 in 1961-62 to 29.8 in 1970-71. The pretest study did not measure the extent to which schools also offer environmental education as individual units within traditional natural or social science courses.

The more specialized social science areas received greater attention in the 1970-71 high school curriculum than in the earlier survey periods. The percent of schools offering economics, psychology, and sociology courses, as well as enrollments in these courses, nearly doubled during the past 10 years. Current events, as a separate course, was being taught in nearly 15 percent of the secondary schools, compared with less than 1 percent of the schools in 1960-61. Other courses dealing with social issues were also introduced; 3.6 percent of the schools were teaching a specific course in black history, and 5.7 percent of the schools were offering courses in Asian and African studies.

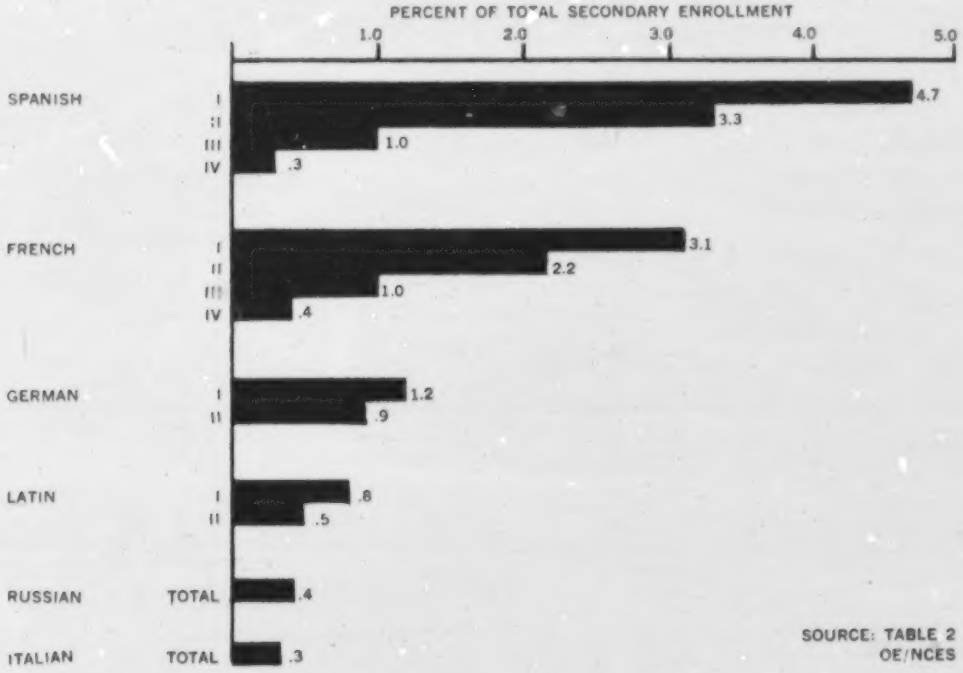
In English language arts, the introduction of new courses in black literature, religious literature, 20th-century literature, mass communications, and radio/TV/film indicate that the current concerns of pupils are being explored. These titles have not been shown separately in table 2, but have been included under the titles of other literature or speech.

## Foreign Languages

The 1960-61 survey showed that Latin as a foreign language offering had been on the decline since 1948-49. However, in 1960-61, equally as many schools were teaching Latin I as were teaching the first year of the modern foreign languages of French and Spanish--about 35 percent each. The 1970-71 data showed less than 20 percent of the schools offering Latin I, while nearly 50 percent offered French I and a similar percent offered Spanish I. Even first-year German surpassed Latin, with 22.5 percent of the schools offering the course, an increase from 9.3 percent of schools in the 1960-61 survey. Although enrollments in Russian and Italian language courses are still very small, the number of schools teaching those languages more than doubled during the 10-year period between surveys.

Responses to the survey showed more pupils took the first 2 years of Spanish than took the first 2 years of French. In fact, the percentages of enrollment in second-year Spanish and first-year French were almost equal (3.3 and 3.1 percent, respectively). Enrollment in German increased from 1.3 percent of pupils in 1960-61 to 3.1 percent in 1970-71.

Figure 2.—Percent of secondary pupils enrolled in selected foreign language courses: United States, 1970-71



## Career Training

In 1970-71, 9.1 percent of the pupils enrolled in regular secondary schools were registered in occupational programs, as defined in State plans for vocational and technical education. About half of these pupils were preparing for agricultural or trades and industrial occupations by means of organized programs. Such programs usually involve a cluster of courses, require more than one school year to complete, and are aimed at proficiency in a specific nonprofessional job. In addition to enrollment in programs, there was the more traditional type of vocational training where a pupil might enroll in one or more individual courses, but not in an organized program. In the latter case, he was reported as enrolled in a course lasting 1 year or less in the trades and industry, business, home economics, or agriculture subject area.

As reported in the recent survey, enrollment in organized occupational programs represented 62.2 percent of total enrollment in the agriculture area and 36.1 percent of total enrollment in the vocational trades and industrial studies area. If these percentages seem low, considering recent legislative concern with vocational education, note that each of the reported enrollments in an occupational program may represent enrollment in two or more individual courses. In addition to the agriculture and trades and industry areas, another 6.7 percent of secondary pupils were in training for nonprofessional careers in a variety of other organized occupational programs, such as home economics, office occupations, and distributive education.

A number of high schools now offer training in computer-related skills, mainly in a scattering of individual courses. Although only 0.6 percent of pupils enrolled in computer-oriented courses provided in the business education area, 8.1 percent of the secondary schools offered such courses. An additional 2.6 percent of the schools offered a computer-oriented mathematics course.

## Curriculum Trends

Perhaps the most notable general developments in course offerings and enrollments in the past decade have been (1) the greater variety of courses offered, (2) the extent to which advanced or college-level courses are made available to pupils in high school, and (3) the offering of traditionally upper level high school courses to younger pupils, particularly in mathematics and natural sciences.

Another finding of the pretest is that a multiplicity of short courses have been introduced into the curriculum. The average number of courses per pupil rose from 6.4 in 1960-61 to 7.1 in 1970-71. The higher number of courses taken by the average pupil during a school year has undoubtedly been made possible by a lengthened school day and by flexible class scheduling plans in a number of schools.

## DESCRIPTION OF TABLES

The printed questionnaire for the 1970-71 survey listed about 800 course titles in 21 subject or occupational areas. Respondents were asked to write in the titles of courses offered by their schools if they were not entirely satisfied that similar content or emphasis was covered by a listed title. As a result, almost a hundred additional course titles were written in by respondents--most of these occurred no more than once or twice. For this report, all courses reported have been aggregated to about 200 titles, as listed in table 2 and appendix B. The aggregation design was based upon frequency of occurrence of course titles in the pretest responses and upon areas of special interest to users of the data. Used in conjunction with the table of standard errors, the inflated data provide an indication of current course offerings and the number of pupils participating in them during the 1970-71 school year.

Table 3 describes the schools in the pretest sample by their size and the grade spans represented. The sample of secondary schools used in the pretest survey was designed to be representative of the enrollment size and State location of public schools. The selection procedure did not provide for proportional representation of each grade span within grades 7 to 12. The resulting group of schools surveyed proved to include an overrepresentation of lower level secondary schools and an underrepresentation of grade-9-to-12 or grade-10-to-12 schools. This random choice of respondents happened to highlight junior high school course offerings at the expense of upper level courses. This imbalance will be righted in the full-scale survey.

The Technical Appendix to this report includes a brief description of the method of arriving at national estimates from the sample data, with summary tables of standard errors. The standard error does not reflect response biases or errors incurred in handling the reported data. Great effort was exerted to keep such errors at a minimum.

Table 1.--Course enrollments in subject areas, and percentage these enrollments are of total pupils enrolled in grades 7 to 12 of public secondary schools: United States, 1948-49, 1960-61, and 1970-71

| Subject Area | 1970-71 pretest | | 1960-61 | | 1948-49 | |
|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent |
| Total pupils, grades 7-12 | 18,406,617 | 100.0 | 11,732,742 | 100.0 | 6,907,833 | 100.0 |
| English language arts | 25,852,165 | 140.5 | 12,972,236 | 110.6 | 7,098,770 | 102.8 |
| Health and physical education[1/] | 22,193,800 | 120.6 | 12,081,639 | 103.0 | 7,794,671 | 112.8 |
| Social sciences | 19,659,790 | 106.8 | 11,802,499 | 100.1 | 6,981,980 | 101.1 |
| Mathematics | 14,137,090 | 76.8 | 8,596,396 | 73.3 | 4,457,987 | 64.5 |
| Natural sciences | 12,772,195 | 69.4 | 7,739,877 | 66.0 | 4,031,044 | 58.4 |
| Music | 6,559,452 | 35.6 | 4,954,347 | 42.2 | 2,484,201 | 36.0 |
| Business education[2/] | 7,314,194 | 39.7 | 4,667,570 | 39.8 | 3,186,207 | 46.1 |
| Industrial arts | 5,397,074 | 29.3 | 3,361,699 | 28.7 | 1,762,242 | 25.5 |
| Home economics[2/] | 5,282,850 | 28.7 | 2,915,997 | 24.9 | 1,693,825 | 24.5 |
| Foreign languages | 4,729,282 | 25.7 | 2,576,354 | 22.0 | 1,234,544 | 17.9 |
| Art | 4,350,685 | 23.6 | 2,383,703 | 20.3 | 1,219,693 | 17.7 |
| Agriculture[2/] | 789,102 | 4.3 | 507,992 | 4.3 | 373,395 | 5.4 |
| Vocational trade and industrial education[2/] | 1,141,638 | 6.2 | 344,704 | 2.9 | 369,794 | 5.4 |
| Distributive education[2/] | 295,633 | 1.6 | 38,363 | .3 | (3) | (3) |
| Other[2/] | 232,736 | 1.3 | 106,467 | .9 | 111,053 | 1.6 |

1/ Includes driver education and ROTC.
2/ Includes in 1970-71 occupational programs as well as individual courses. These programs may represent enrollment in 2 or more courses.
3/ Not reported separatelv in 1948-49.

NOTE.--Percentages exceed 100.0 because a pupil may be enrolled in more than one course within a subject area during the school year.

SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, Subject Offerings and Enrollments in Public Secondary Schools, 1965.

Table 2.--Number and percent of public secondary schools offering specified courses and pupils enrolled in such courses: United States, 1970-71
[Data estimated from pretest results in 50 States and D.C.]

| Subject area and course title | Schools offering courses | | Pupils enrolled | |
|---|---|---|---|---|
| | Number | Percent of total | Number | Percent of total |
| TOTAL, GRADES 7-12 | 26,282 | 100.0 | 18,406,617 | 100.0 |
| English language arts | | | | |
| English, grade 7 | 13,963 | 53.1 | 2,528,456 | 13.7 |
| English, grade 8 | 15,108 | 57.5 | 2,499,366 | 13.6 |
| English, grade 9 | 20,279 | 77.2 | 3,779,138 | 20.5 |
| English, grade 10 | 18,035 | 68.6 | 3,176,204 | 17.3 |
| English, grade 11 | 17,026 | 64.8 | 2,635,343 | 14.3 |
| English, grade 12 | 15,651 | 59.6 | 1,717,153 | 9.3 |
| Advanced English | 4,020 | 15.3 | 323,371 | 1.8 |
| Remedial English | 4,142 | 15.8 | 201,406 | 1.1 |
| American literature | 7,499 | 28.5 | 1,227,579 | 6.7 |
| English literature | 5,996 | 22.8 | 717,957 | 3.9 |
| Other literature | 4,910 | 18.7 | 1,155,583 | 6.3 |
| Developmental reading | 4,860 | 18.5 | 714,804 | 3.9 |
| General reading | 4,033 | 15.3 | 698,165 | 3.8 |
| Remedial reading | 7,154 | 27.2 | 1,191,939 | 6.5 |
| Composition | 4,509 | 17.2 | 1,005,906 | 5.5 |
| Creative writing | 4,315 | 16.4 | 282,092 | 1.5 |
| Journalism | 8,938 | 34.0 | 288,218 | 1.6 |
| Acting | 796 | 3.0 | 59,043 | .3 |
| Introduction to theatre/drama | 4,919 | 18.7 | 252,282 | 1.4 |
| Other drama | 3,216 | 12.2 | 127,806 | .7 |
| Speech | 13,700 | 52.1 | 886,525 | 4.8 |
| Library and media practices | 2,361 | 9.0 | 170,089 | .9 |
| Linguistics | 1,317 | 5.0 | 170,981 | .9 |
| Other English language arts | 523 | 2.0 | 42,659 | .2 |
| Foreign languages | | | | |
| English as a foreign language | 541 | 2.1 | 16,626 | .1 |
| Latin, grades 7 and 8 | 442 | 1.7 | 21,498 | .1 |
| Latin, 1st year | 4,909 | 18.7 | 141,861 | .8 |
| Latin, 2d year | 4,785 | 18.2 | 86,277 | .5 |
| Other Latin | 2,184 | 8.3 | 25,476 | .1 |
| French, grade 7 | 2,693 | 10.2 | 128,144 | .7 |
| French, grade 8 | 3,004 | 11.4 | 166,275 | .9 |
| French, 1st year | 12,658 | 48.2 | 568,093 | 3.1 |
| French, 2d year | 10,596 | 40.3 | 406,928 | 2.2 |
| French, 3d year | 6,836 | 26.0 | 186,613 | 1.0 |
| French, 4th year | 4,290 | 16.3 | 77,558 | .4 |

Table 2.--Number and percent of public secondary schools offering specified courses and pupils enrolled in such courses: United States, 1970-71--Continued

| Subject area and course title | Schools offering courses | | Pupils enrolled | |
|---|---|---|---|---|
| | Number | Percent of total | Number | Percent of total |
| Other French | 998 | 3.8 | 28,480 | 0.2 |
| German, grades 7 and 8 | 854 | 3.2 | 110,901 | .6 |
| German, 1st year | 5,926 | 22.5 | 227,383 | 1.2 |
| German, 2d year | 5,087 | 19.4 | 161,821 | .9 |
| Other German | 2,359 | 9.0 | 60,689 | .3 |
| Spanish, grade 7 | 3,166 | 12.0 | 198,636 | 1.1 |
| Spanish, grade 8 | 3,573 | 13.6 | 220,279 | 1.2 |
| Spanish, 1st year | 12,716 | 48.4 | 865,544 | 4.7 |
| Spanish, 2d year | 10,659 | 40.6 | 575,461 | 3.1 |
| Spanish, 3d year | 6,726 | 25.6 | 182,867 | 1.0 |
| Spanish, 4th year | 4,107 | 15.6 | 52,356 | .3 |
| Other Spanish | 804 | 3.1 | 14,089 | .1 |
| Italian | 458 | 1.7 | 50,557 | .3 |
| Russian | 1,026 | 3.9 | 67,828 | .4 |
| Other foreign language | 516 | 2.0 | 87,042 | .5 |
| Social sciences | | | | |
| U.S. history, grade 7-8 | 9,365 | 35.6 | 1,705,285 | 9.3 |
| U.S. history, grade 9-12 | 14,768 | 56.2 | 3,064,401 | 16.7 |
| World history, grade 7-8 | 2,614 | 9.9 | 435,525 | 2.4 |
| World history, grade 9-12 | 13,597 | 51.7 | 1,699,041 | 9.2 |
| State history, grade 7-8 | 5,797 | 22.1 | 850,197 | 4.6 |
| State history, grade 9-12 | 3,036 | 11.6 | 292,775 | 1.6 |
| American history and world backgrounds | 3,656 | 13.9 | 568,527 | 3.1 |
| Black history (U.S.) | 937 | 3.6 | 136,668 | .7 |
| Other history | 4,408 | 16.8 | 565,673 | 3.6 |
| American studies | 1,579 | 6.0 | 269,435 | 1.5 |
| Asian and African studies | 1,488 | 5.7 | 269,855 | 1.5 |
| World cultures | 1,289 | 4.9 | 346,293 | 1.9 |
| Geography, grade 7-8 | 3,460 | 13.2 | 771,069 | 4.2 |
| Human or cultural geography | 1,453 | 5.5 | 165,442 | .9 |
| World or global geography | 9,880 | 37.6 | 1,028,461 | 5.6 |
| U.S. government | 11,768 | 44.8 | 1,643,202 | 8.9 |
| Community civics | 5,492 | 20.9 | 615,034 | 3.3 |
| Current events | 3,834 | 14.6 | 305,098 | 1.7 |
| Problems of democracy | 3,729 | 14.2 | 227,488 | 1.2 |
| Other political science | 2,170 | 8.3 | 168,886 | .9 |
| Social studies, grade 7 | 3,859 | 14.7 | 628,621 | 3.4 |
| Social studies, grade 8 | 4,147 | 15.8 | 804,133 | 4.4 |
| Social studies, grade 9 | 1,800 | 6.8 | 319,670 | 1.7 |
| Anthropology | 891 | 3.4 | 130,351 | .7 |
| Economics | 10,296 | 39.2 | 782,923 | 4.3 |
| Environmental problems | 181 | .7 | 8,844 | .1 |
| Psychology | 5,779 | 22.0 | 508,792 | 2.8 |
| Sociology | 8,734 | 33.2 | 797,533 | 4.3 |
| All other social sciences | 4,358 | 16.6 | 459,568 | 2.5 |

Table 2.--Number and percent of public secondary schools offering specified courses and pupils enrolled in such courses: United States, 1970-71--Continued

| Subject area and course title | Schools offering courses | | Pupils enrolled | |
|---|---|---|---|---|
| | Number | Percent of total | Number | Percent of total |
| Mathematics | | | | |
| General math, grades 7 and 8 | 15,234 | 58.0 | 4,962,271 | 27.0 |
| Elementary general math | 14,167 | 53.9 | 1,612,174 | 8.8 |
| Advanced general math | 9,384 | 35.7 | 981,846 | 5.3 |
| Remedial math | 5,207 | 19.8 | 248,331 | 1.4 |
| Elementary algebra | 18,335 | 69.8 | 2,325,976 | 12.6 |
| Intermediate algebra | 14,489 | 55.1 | 1,220,227 | 6.6 |
| Advanced algebra | 8,491 | 32.3 | 366,857 | 2.0 |
| Plane geometry | 13,809 | 52.5 | 1,105,165 | 6.0 |
| Solid geometry | 1,733 | 6.6 | 72,586 | .4 |
| Integrated plane and solid geometry | 3,330 | 12.7 | 358,193 | 2.0 |
| Trigonometry | 3,930 | 15.0 | 151,214 | .8 |
| Integrated algebra and trigonometry | 4,193 | 16.0 | 219,469 | 1.2 |
| Calculus | 2,368 | 9.0 | 40,163 | .2 |
| Computer mathematics | 686 | 2.6 | 14,364 | .1 |
| Advanced mathematics | 8,301 | 31.6 | 249,633 | 1.4 |
| All other mathematics | 2,645 | 10.1 | 208,621 | 1.1 |
| Natural sciences | | | | |
| General science, grade 7 | 10,510 | 40.0 | 1,496,703 | 8.1 |
| General science, grade 8 | 10,127 | 38.5 | 1,455,262 | 7.9 |
| General science, grades 9-12 | 11,863 | 45.1 | 1,700,341 | 9.2 |
| Biology, 1st year | 18,335 | 69.8 | 2,729,306 | 14.8 |
| Biology, 2d year | 4,220 | 16.1 | 182,633 | 1.0 |
| Applied biology | 564 | 2.1 | 49,661 | .3 |
| Ecology | 439 | 1.7 | 48,802 | .3 |
| Environmental science | 700 | 2.7 | 57,138 | .3 |
| Life science | 1,109 | 4.2 | 242,721 | 1.3 |
| All other biology | 4,191 | 15.9 | 357,183 | 1.9 |
| Chemistry, 1st year | 16,445 | 62.6 | 1,112,222 | 6.0 |
| Physics, 1st year | 14,453 | 55.0 | 610,368 | 3.3 |
| Physical science, 1st year | 9,498 | 36.1 | 1,186,856 | 6.5 |
| Earth science | 7,833 | 29.8 | 1,101,036 | 6.0 |
| All other physical science | 5,138 | 19.5 | 441,963 | 2.4 |
| Art | | | | |
| General or fine art, grade 7-8 | 1,199 | 4.6 | 289,500 | 1.6 |
| General or fine art I | 15,897 | 60.5 | 1,900,847 | 10.3 |
| General or fine art II | 10,767 | 41.0 | 612,556 | 3.3 |
| General or fine art III and IV | 5,952 | 22.6 | 259,085 | 1.4 |
| Art appreciation/history | 2,199 | 8.4 | 376,486 | 2.1 |
| Art studio | 1,724 | 6.6 | 106,502 | .6 |
| Other art | 6,172 | 23.5 | 805,709 | 4.4 |

Table 2.--Number and percent of public secondary schools offering specified courses and pupils enrolled in such courses: United States, 1970-71--Continued

| Subject area and course title | Schools offering courses | | Pupils enrolled | |
|---|---|---|---|---|
| | Number | Percent of total | Number | Percent of total |
| **Music** | | | | |
| Band | 20,659 | 78.6 | 1,785,752 | 9.7 |
| Instrumental classes | 5,040 | 19.2 | 300,414 | 1.6 |
| Other instrumental | 7,530 | 28.7 | 297,622 | 1.6 |
| Chorus | 16,845 | 64.1 | 1,430,945 | 7.8 |
| Choir | 5,693 | 21.7 | 427,050 | 2.3 |
| Glee club | 3,900 | 14.8 | 258,782 | 1.4 |
| General music | 10,139 | 38.6 | 1,899,078 | 10.3 |
| Theory and harmony | 3,450 | 13.1 | 66,356 | .4 |
| Other music | 3,584 | 13.6 | 93,453 | .5 |
| **Health and physical education** | | | | |
| Health and physical education, grade 7 | 6,595 | 25.1 | 1,047,562 | 5.7 |
| Health and physical education, grade 8 | 6,707 | 25.5 | 991,474 | 5.4 |
| Health and physical education, grade 9 | 8,384 | 31.9 | 1,326,437 | 7.2 |
| Health and physical education, grade 10 | 6,425 | 24.4 | 1,143,734 | 6.2 |
| Health and physical education, grade 11 | 4,561 | 17.4 | 805,097 | 4.4 |
| Health and physical education, grade 12 | 4,175 | 15.9 | 562,915 | 3.1 |
| Physical education, grade 7 | 7,028 | 26.7 | 1,299,701 | 7.1 |
| Physical education, grade 8 | 7,411 | 28.2 | 1,452,224 | 7.9 |
| Physical education, grade 9 | 9,746 | 37.1 | 2,091,750 | 11.4 |
| Physical education, grade 10 | 8,228 | 31.3 | 1,532,203 | 8.3 |
| Physical education, grade 11 | 7,571 | 28.8 | 1,187,742 | 6.5 |
| Physical education, grade 12 | 7,740 | 29.4 | 995,357 | 5.4 |
| Health | 7,232 | 27.5 | 2,130,849 | 11.6 |
| Health and safety | 1,595 | 6.1 | 279,411 | 1.5 |
| Alcohol, drugs, and tobacco | 527 | 2.0 | 130,016 | .7 |
| First aid | 423 | 1.6 | 109,302 | .6 |
| Sex education and family life | 431 | 1.6 | 58,452 | .3 |
| Other health and physical education | 4,438 | 16.9 | 1,371,722 | 7.5 |
| **Driver education and safety** | | | | |
| Driver education, classroom phase | 15,254 | 58.0 | 1,955,407 | 10.6 |
| Driver education, practice phase | 13,763 | 52.4 | 1,541,950 | 8.4 |
| Safety | 703 | 2.7 | 76,745 | .4 |
| **ROTC** | | | | |
| ROTC | 1,137 | 4.3 | 103,750 | .6 |
| **Home economics** | | | | |
| Home economics, grade 7 | 6,743 | 25.7 | 672,548 | 3.7 |
| Home economics, grade 8 | 8,485 | 32.3 | 697,793 | 3.8 |

Table 2.--Number and percent of public secondary schools offering specified courses and pupils enrolled in such courses: United States, 1970-71--Continued

| Subject area and course title | Schools offering courses | | Pupils enrolled | |
|---|---|---|---|---|
| | Number | Percent of total | Number | Percent of total |
| Home economics, 1st year | 15,369 | 58.5 | 1,242,571 | 6.8 |
| Home economics, 2d year | 11,884 | 45.2 | 330,579 | 1.8 |
| General home economics, other | 10,979 | 41.8 | 299,486 | 1.6 |
| Clothing and textiles, 1st year | 4,797 | 18.3 | 340,156 | 1.9 |
| Clothing and textiles, 2d year | 3,574 | 13.6 | 137,211 | .8 |
| Clothing and textiles, other | 2,997 | 11.4 | 76,002 | .4 |
| Foods, 1st year | 4,909 | 18.7 | 361,087 | 2.0 |
| Foods, 2d year | 3,073 | 11.7 | 147,820 | .8 |
| Child development | 2,774 | 10.6 | 160,489 | .9 |
| Family relations | 5,853 | 22.3 | 296,919 | 1.6 |
| Other home economics | 5,422 | 20.6 | 307,220 | 1.7 |
| Industrial arts | | | | |
| General industrial arts, grade 7-8 | 7,216 | 27.5 | 1,200,209 | 6.5 |
| General industrial arts, 1st year | 7,891 | 30.0 | 327,321 | 1.8 |
| Other general industrial arts | 4,112 | 15.6 | 156,636 | .4 |
| Drafting | 6,446 | 24.5 | 469,630 | 2.6 |
| General metals | 7,898 | 30.1 | 522,839 | 2.8 |
| General woods | 9,660 | 36.8 | 752,581 | 4.1 |
| Mechanical drawing | 6,294 | 23.9 | 517,857 | 2.8 |
| Auto mechanics | 3,466 | 13.2 | 144,631 | .8 |
| Electricity/electronics | 5,020 | 19.1 | 247,947 | 1.4 |
| Graphics | 2,594 | 9.9 | 153,652 | .8 |
| Power mechanics | 2,925 | 11.1 | 174,854 | 1.0 |
| Welding | 1,459 | 5.6 | 56,321 | .3 |
| Other industrial arts | 8,327 | 31.7 | 672,596 | 3.7 |
| Agriculture | | | | |
| General agriculture, grade 7-8 | 940 | 3.6 | 41,315 | .2 |
| Agriculture I | 2,589 | 9.9 | 72,522 | .4 |
| Agriculture II | 1,471 | 5.6 | 28,000 | .2 |
| Agriculture III and IV | 1,288 | 4.9 | 36,092 | .2 |
| Agricultural mechanics | 463 | 1.8 | 10,254 | .1 |
| Plant/animal science | 527 | 2.0 | 10,550 | .1 |
| Other agriculture | 1,337 | 5.1 | 99,482 | .5 |
| Business | | | | |
| Bookkeeping, 1st year | 14,283 | 54.3 | 568,588 | 3.1 |
| Other bookkeeping | 2,867 | 10.9 | 54,471 | .3 |
| Business arithmetic | 7,406 | 28.2 | 395,794 | 2.2 |
| Business law | 6,316 | 24.0 | 241,076 | 1.3 |
| Clerical practice | 4,530 | 17.2 | 227,258 | 1.2 |
| Computers | 2,123 | 8.1 | 104,444 | .6 |
| General business | 10,842 | 41.3 | 755,885 | 4.1 |
| Recordkeeping | 2,542 | 9.7 | 166,862 | .9 |

Table 2.--Number and percent of public secondary schools offering specified courses and pupils enrolled in such courses: United States, 1970-71--Continued

| Subject area and course title | Schools offering courses | | Pupils enrolled | |
|---|---|---|---|---|
| | Number | Percent of total | Number | Percent of total |
| Secretarial office practices | 6,021 | 22.9 | 129,886 | 0.7 |
| Shorthand, 1st year | 15,794 | 60.1 | 514,157 | 2.8 |
| Shorthand, 2d year | 7,538 | 28.7 | 128,114 | .7 |
| Typewriting, 1st year | 17,433 | 66.3 | 1,882,690 | 10.2 |
| Typewriting, 2d year | 12,687 | 48.3 | 677,915 | 3.7 |
| Typewriting, personal | 6,133 | 23.3 | 422,722 | 2.3 |
| Other business | 10,969 | 41.7 | 807,126 | 4.4 |
| Trades and industry (other than occupational programs) | | | | |
| Automotive | 2,417 | 9.2 | 106,980 | .6 |
| Carpentry | 2,248 | 8.6 | 68,712 | .4 |
| Miscellaneous construction | 1,306 | 5.0 | 29,746 | .2 |
| Cosmetology | 1,113 | 4.2 | 37,389 | .2 |
| Machine shop | 1,577 | 6.0 | 43,803 | .2 |
| Graphics | 1,135 | 4.3 | 68,463 | .4 |
| Electricity | 1,195 | 4.5 | 62,109 | .3 |
| Electronics | 1,188 | 4.5 | 42,296 | .2 |
| Metal working | 1,314 | 5.0 | 97,292 | .5 |
| Other miscellaneous woods | 985 | 3.7 | 29,105 | .2 |
| Other trades and industry | 2,716 | 10.3 | 167,343 | .9 |
| Interdisciplinary | | | | |
| Interdisciplinary | 2,094 | 8.0 | 189,274 | 1.0 |
| Handicapped programs | | | | |
| Handicapped (differentialized education) | 1,019 | 3.9 | 41,864 | .2 |
| Occupational programs (2 or more courses) | | | | |
| Home economics (occupational) | 3,135 | 11.9 | 212,969 | 1.2 |
| Agriculture (occupational) | 6,867 | 26.1 | 490,887 | 2.7 |
| Office (occupational) | 4,853 | 18.5 | 237,206 | 1.3 |
| Distributive education | 6,020 | 22.9 | 295,633 | 1.6 |
| Trades and industrial occupations | 4,241 | 16.1 | 371,837 | 2.0 |
| Technical education | 1,007 | 3.8 | 23,727 | .1 |
| Health occupations | 1,346 | 5.1 | 16,563 | .1 |
| Handicapped (occupational) | 906 | 3.4 | 19,735 | .1 |

Table 3.--Number and percent of respondent grade 7-12 public schools, by school size and by grade span: United States, 1970-71

| Grade span | All schools | | By enrollment size | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Under 200 | | 200 to 999 | | 1,000 or more | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Total | 261 | 100.0 | 53 | 99.9 | 147 | 100.0 | 61 | 100.0 |
| 7 only | 1 | .4 | 1 | 1.8 | 0 | .0 | 0 | .0 |
| 7-8 | 28 | 10.7 | 6 | 11.3 | 20 | 13.6 | 2 | 3.3 |
| 7-9 | 44 | 16.9 | 1 | 1.9 | 28 | 19.0 | 15 | 24.6 |
| 7-12 | 82 | 31.4 | 33 | 62.3 | 43 | 29.3 | 6 | 9.8 |
| 8-9 | 1 | .4 | 0 | .0 | 1 | .7 | 0 | .0 |
| 8-12 | 11 | 4.2 | 2 | 3.7 | 8 | 5.4 | 1 | 1.6 |
| 9-10 | 1 | .4 | 0 | .0 | 1 | .7 | 0 | .0 |
| 9-12 | 67 | 25.7 | 9 | 17.0 | 36 | 24.5 | 22 | 36.1 |
| 10-12 | 25 | 9.6 | 1 | 1.9 | 9 | 6.1 | 15 | 24.6 |
| 11-12 | 1 | .4 | 0 | .0 | 1 | .7 | 0 | .0 |

APPENDIXES

A. Technical Appendix

B. Course Aggregation Design

C. Reproduction of Survey Form

## Appendix A

## TECHNICAL APPENDIX

### Sample Design

The sample for the pretest Survey of Public and Nonpublic Secondary School Offerings, Enrollments, and Curriculum Practices, 1970-71 was designed to test the survey instrument developed for the 1972-73 survey and the ability of the schools to respond to its requirements. The questionnaire was not intended as a data-collection instrument for that school year; nor was the survey intended to be a basis for estimating nationwide statistics.

The sample of secondary schools used for the pretest was selected from the Office of Education's 1968-69 universe of public and nonpublic elementary and secondary day schools, the most recent base available at the time of selection. The public secondary schools of each State were arranged in size order and a specific number of schools proportionate to the total number in the State was selected according to a random procedure. The minimum number in any State was three schools and the maximum (in Texas) was 12 schools. In this way, 270 public school respondents were chosen. To these were added 25 nonpublic secondary schools selected at random and 10 additional schools known to have innovative curriculums. The last were included to test their ability to respond to the questionnaire format, but their data are not included in the estimates here presented. These estimates are based on responses from the responding 261 of the 270 public schools selected by size in each State. Nonpublic schools were omitted as being too few in number for inflation to national data.

### Sampling Reliability of the Estimates

Enrollments and Schools. Since the estimates in this report are based on a sample of schools, they are subject to sampling variability. Tables A and B which follow give approximations to the standard error of the estimate as a percentage of the estimate, a measure known as the coefficient of variation. The standard error is primarily a measure of sampling variability; i.e., of the variations that occur by chance because a sample rather than the population is surveyed. The coefficient of variation (CV) is a similar measure but is applied by multiplying the estimate by the CV to obtain a measure of error. The chances are about two in three that the difference between the survey estimate and the results of a complete census of all schools would be less than this measure of error.

The figures presented in tables A, B, C, and D are approximations to the measures of error of various estimates shown in this report. In order to derive measures of error that would be applicable to a wide variety of items, a number of approximations were required. As a result, the tables of measures of error provide an indication of the order of magnitude of the measure of error for any specific item.

For example, the estimates for general mathematics are 4,962,271 course enrollments and 15,234 schools offering courses. From table A, the CV for enrollment is 12 percent and from table B, the CV for schools is 6 percent. For enrollment, this gives a measure of error of 595,472 pupils (4,962,271 x .12) and for schools this gives a measure of error of 914 schools (15,234 x .06).

Percentage Estimates in the Text. The measures of sampling errors for the percentages given in the analysis section of the text are given in tables C and D in terms of standard errors. The chances are about 68 out of 100 that an estimate from this sample would differ from a complete survey of all schools by less than the standard error. For example, traditional graded English courses represented 63.2 percent of the enrollment in English language arts. The total enrollment, or base, of this percentage is 25,852,165, or approximately 25 million. The percentage in the table closest to 63.1 is 50 percent; therefore, the standard error is about 1.0. This means that there are 68 chances out of 100 that the quoted figure of 63.2 percent is within 1 percent of the figure which would be obtained from a complete enumeration of all schools.

Variations From Sources Other Than Sampling. In addition to sampling variability, the survey estimates are also subject to reporting error and biases in response as well as to processing errors, which would affect a survey of all schools as well as a sample survey. The effects of these are not completely reflected in the measures of sampling reliability just presented. A number of steps, described in the paragraphs that follow, were taken in the survey in an attempt to minimize the impact of such nonsampling error.

School Nonresponse. To the extent to which schools which do not respond in a survey differ from those which do, there is an unknown bias in the estimates for all schools which may be serious if the rate of nonresponse is high. In this survey, a high rate of cooperation from schools was achieved, resulting in a response rate of 97 percent of all public secondary schools canvassed.

Item Nonresponse. To minimize the extent of item nonresponse by schools cooperating in the survey, a number of precautions were taken. As a result, the unanswered items were inconsequential.

Quality of the Reported Data. A number of additional steps were taken to assure that nonsampling errors and respondent biases were kept to a minimum. A careful clerical edit was made of all forms received. This included

telephone verification and occasional referrals to the field staff for personal checkup of questionable responses. As part of the survey design, an onsite followup and authentication of 100 of the respondents was also conducted. This subsample included both responding and nonresponding schools. Constant and detailed liaison between the contractor and the OE project staff was maintained, so that all editing and treatment of questionnaire data were carefully controlled and consistently handled.

Finally, this presentation with its national estimates is confined to those parts of the questionnaire concerned with courses and programs, their enrollments and characteristics. The responses to those sections are considered to be most dependable. Other parts of the form indicated some lack of understanding by a number of respondents and a consequent lack of response consistency. The items eliciting questionable responses have been modified in the survey instrument prepared for the full-scale survey to be made in school year 1972-73.

Table A.--Coefficients of variation for estimates of enrollment (68 chances out of 100)

| N | Coefficient of variation (Percent) |
|---|---|
| 10,000 | 75 |
| 20,000 | 55 |
| 40,000 | 42 |
| 60,000 | 37 |
| 100,000 | 32 |
| 150,000 | 29 |
| 200,000 | 25 |
| 300,000 | 22 |
| 500,000 | 18 |
| 1,000,000 | 15 |
| 2,000,000 | 13 |
| 5,000,000 | 12 |

Table B.--Coefficients of variation for estimates of number of schools (68 chances out of 100)

| N | Coefficient of variation (Percent) |
|---|---|
| 200 | 76 |
| 400 | 53 |
| 600 | 43 |
| 1,000 | 33 |
| 2,500 | 20 |
| 5,000 | 14 |
| 8,000 | 10 |
| 10,000 | 9 |
| 15,000 | 6 |
| 20,000 | 4 |
| 25,000 | 3 |

Table C.--Standard errors of estimated percentages of enrollment
(68 chances out of 100)

| Estimated percentage | Base of percentage | | | | |
|---|---|---|---|---|---|
| | 1,000,000 | 5,000,000 | 10,000,000 | 20,000,000 | 25,000,000 |
| 2 or 98 | 1.1 | 0.6 | 0.4 | 0.3 | 0.3 |
| 5 or 95 | 1.8 | 1.0 | .7 | .5 | .4 |
| 10 or 90 | 2.8 | 1.4 | 1.0 | .7 | .6 |
| 25 or 75 | 4.4 | 2.0 | 1.4 | 1.0 | .9 |
| 50 | 5.1 | 2.3 | 1.6 | 1.1 | 1.0 |

Table D.--Standard errors of estimated percentages of number of schools
(68 chances out of 100)

| Estimated percentage | Base of percentage (26,000) |
|---|---|
| 4 or 96 | 1.3 |
| 6 or 94 | 1.6 |
| 8 or 92 | 1.8 |
| 15 or 85 | 2.4 |
| 20 or 80 | 2.7 |
| 30 or 70 | 3.1 |
| 50 | 3.3 |

Appendix B
COURSE AGGREGATION DESIGN

ENGLISH LANGUAGE ARTS

Seventh-grade English
Eighth-grade English
Ninth-grade English
Tenth-grade English
Eleventh-grade English
Twelfth-grade English
Advanced English
 College-level English
 Seminar
 Independent study
Remedial English
 English workshop
American literature
English literature
Other literature
 World literature
 Black literature
 Twentieth-century literature
 Religious literature
 Novel
 Humanities
 Short story
 Poetry
 Mythology
 Other literature by genre
 Bible literature
 Fiction
 Literature
Developmental reading
General reading
 Spelling
 Other reading
Remedial reading
Composition
 Advanced composition
Creative writing
Journalism
 School publications
Acting
Introduction to theatre/drama
Other drama
 Dramatic literature
 Theatre history
 Creative dramatics
 Stagecraft design
 Theatre criticism
 Theatre production
 Playwriting
Speech
 Debate/forensics
 Speech and public speaking I and II
 Radio/TV/film
 Film
 Oral interpretation of literature
 Mass communication
Library and media practices
Linguistics
 English fundamentals
 Grammar
 Language skills
Other English language arts
 Practical English

FOREIGN LANGUAGES

English as a foreign language
Latin (grades 7-8)
 Latin (grade 7)
 Latin (grade 8)
Latin I
Latin II
Other Latin
 Latin III
 Latin IV
 Latin V
 Latin VI
 Advanced Latin
French (grade 7)
French (grade 8)
French I
French II
French III
French IV
Other French
 French V
 French VI
 Advanced French
German (grades 7-8)
 German (grade 7)
 German (grade 8)
German I
German II
Other German
 German III
 German IV
 German V
 German VI
 Advanced German
Spanish (grade 7)
Spanish (grade 8)
Spanish I
Spanish II
Spanish III
Spanish IV
Other Spanish
 Spanish V
 Spanish VI
 Advanced Spanish
Italian
 Italian (grade 7)
 Italian (grade 8)
 Italian I
 Italian II
 Italian III
 Italian IV
Russian
 Russian (grade 7)
 Russian (grade 8)
 Russian I
 Russian II
 Russian III
 Russian IV
 Russian V
 Russian VI
Other foreign language
 General foreign language
 Japanese

FOREIGN LANGUAGES-Continued

Other foreign language-Continued
- Japanese I
- Japanese II
- Japanese III
- Japanese IV
- Portuguese
- Portuguese I
- Greek

SOCIAL SCIENCES

U.S. history (grade 7-8)
U.S. history (grade 9-12)
- American history

World history (grade 7-8)
World history (grade 9-12)
- Western civilization

State history (grade 7-8)
State history (grade 9-12)
American history and world backgrounds
Black history, U.S.
Other history
- Ancient-medieval history
- Latin-American history
- Latin-American area studies
- Modern European history
- Non-Western civilization
- Oriental history
- Eastern hemisphere
- Bible history
- Independent study
- Industrial history
- Northwest history
- Pacific Ocean area studies
- Russian history
- European history
- Middle Eastern area studies
- Modern history
- European area studies
- Russian area studies
- Local history
- Advanced history

American studies
- American area studies

Asian and African area studies
- African area studies
- African history
- Asian area studies
- Asian history
- Oriental area studies

World cultures
- World civilization

Geography (grade 7-8)
Human or cultural geography
- Economic geography

World or global geography
- Physical geography
- Regional geography

U.S. government
- American government
- Basic American law
- U.S. Constitution
- Government

Community civics
Current events
- International relations
- Contemporary world affairs

Problems of democracy

Other political science
- Advanced political science
- Comparative systems
- Contemporary civilization
- Political theory
- State government
- Contemporary American problems

Social Studies (grade 7)
Social Studies (grade 8)
Social Studies (grade 9)
Anthropology
- Cultural changes
- Cultural psychology

Economics
- Consumer economics
- Consumer education
- Economic problems

Environmental problems
Psychology
Sociology
- Social problems
- Racial and minority studies

Other social sciences
- Comparative religion
- Conservation
- Human relations
- Intergroup relations
- Philosophy
- Advanced social science
- Interdisciplinary social studies
- Occupations
- Social studies (grade 10-12)
- Other social sciences

Humanities
Geography
Political science
Independent study
Community development
Other cultural anthropology

MATHEMATICS

General mathematics (grades 7-8)
- General mathematics (grade 7)
- General mathematics (grade 8)
- School Mathematics Study Group (grade 7-8)
- University of Illinois Committee on School Mathematics (grade 8)
- Elementary general mathematics

Advances general mathematics
Remedial mathematics
- Remedial mathematics (grade 7-8)
- Remedial mathematics (grade 9-12)

Elementary algebra
- School Mathematics Study Group (grade 9)
- University of Illinois Committee on School Mathematics (grade 9)

Intermediate algebra
- University of Illinois Committee on School Mathematics (grade 11)

Advanced algebra
Plane geometry
Solid geometry
Integrated plane and solid geometry
- School Mathematics Study Group (grade 10)
- University of Illinois Committee on School Mathematics (grade 10)

Trigonometry
Integrated algebra and trigonometry
- School Mathematics Study Group (grade 11)

MATHEMATICS-Continued

Integrated algebra and trigonometry-Continued
- University of Illinois Committee on School Mathematics (grade 12)

Calculus
- Calculus I
- Calculus with analytic geometry
- School Mathematics Study Group, calculus

Computer mathematics

Advanced mathematics
- Algorithms with computations
- Introduction to analysis
- Elementary functions
- Matrix algebra
- School Mathematics Study Group (grade 12)

Other mathematics
- Analytic geometry
- Independent study
- Probability and statistics
- Applied mathematics
- Other geometry
- Integrated geometry and trigonometry
- Shop mathematics
- Business mathematics
- Consumer mathematics
- Ratios, proportions, percents

NATURAL SCIENCES

General science (grade 7)
- General science

General science (grade 8)

General science (grades 9-12)
- General science (grade 9)
- General science (grade 10-12)

Biology I
- Biological Sciences Curriculum Study (blue)
- Biological Sciences Curriculum Study (green)
- Biological Sciences Curriculum Study (yellow)
- Biological Sciences Curriculum Study (special materials)

Biology II
- Biological Sciences Curriculum Study (second course)

Applied biology

Ecology

Environmental science

Life science

All other biology
- Botany
- Physiology
- Zoology
- Advanced biology
- Independent study
- Marine biology
- Biophysics

Chemistry I
- Chemical Bond Approach
- CHEM Study

Physics I
- Interaction of Matter and Energy
- Harvard Project Physics
- Physical Science Study Committee

Physical science I
- Time, Space, and Matter
- Introductory Physical Science

Earth science
- Earth-Space Curriculum Project

All other physical science
- Chemistry II
- Physics II
- Physical science II
- Aeronautics
- Geology
- Oceanography
- Research seminar
- Space science
- Advanced chemistry
- Independent study chemistry
- Electronics
- Independent study physics
- Applied chemistry
- Astronomy
- Engineering Concepts Curriculum Project
- Intermediate Science Curriculum Study (grade 7)
- Intermediate Science Curriculum Study (grade 8)
- Astronautics
- Other aspects of the physical sciences
- Electricity
- Earth-space science

ART

General or fine art (grade 7-8)

General or fine art I

General or fine art II

General or fine art III and IV
- General or fine art III
- General or fine art IV
- Advanced art

Art appreciation/history
- Art appreciation
- Art history

Art studio

Other art
- Ceramics
- Commercial design
- Drawing and painting
- Graphics
- Metal and jewelry
- General crafts
- School service art
- Sculpture
- Photography
- Drawing
- Fine arts survey

MUSIC

Band

Instrumental classes

Other instrumental
- Orchestra
- Small ensembles

Chorus

Choir

Glee club

General music
- Music appreciation
- Humanities
- Music literature and/or history

Theory and harmony

Other music
- Small vocal ensembles
- Composition/counterpoint
- Independent study

HEALTH AND PHYSICAL EDUCATION

Health and physical education (grade 7)
 Boys
 Girls
Health and physical education (grade 8)
 Boys
 Girls
Health and physical education (grade 9)
 Boys
 Girls
Health and physical education (grade 10)
 Boys
 Girls
Health and physical education (grade 11)
 Boys
 Girls
Health and physical education (grade 12)
 Boys
 Girls
Physical education (grade 7)
 Boys
 Girls
Physical education (grade 8)
 Boys
 Girls
Physical education (grade 9)
 Boys
 Girls
Physical education (grade 10)
 Boys
 Girls
Physical education (grade 11)
 Boys
 Girls
Physical education (grade 12)
 Boys
 Girls
Health
 Health (grade 7-8)
 Health (grade 9-12)
Health and safety
 Health and safety (grade 7-8)
 Health and safety (grade 9-12)
Alcohol, drugs, and tobacco
First aid
Sex education and family life
Other health and physical education
 Environmental health
 Modern dance
 Community health
 Health and physical education (no grade breakdown)
 Health and physical education (no grade breakdown) (boys)
 Health and physical education (no grade breakdown) (girls)
 Physical education (no grade breakdown)
 Physical education (no grade breakdown) (boys)
 Physical education (no grade breakdown) (girls)
 Social dance
 Adapted physical education
 Adapted physical education (boys)
 Adapted physical education (girls)
 Team sports
 Team sports (boys)
 Team sports (girls)
 Other physical education
 Health and physical education

DRIVER EDUCATION AND SAFETY

Driver education (classroom)
 Driver education
Driver education (practice)
Safety
 Safety (grade 7-8)
 Safety (grade 9-12)
 Civil defense

ROTC

ROTC
 ROTC I
 ROTC II
 ROTC III
 ROTC IV
 Other ROTC
 Other Army junior ROTC

HOME ECONOMICS

Home economics (grade 7)
Home economics (grade 8)
Home economics I
 Homemaking
Home economics II
Other home economics
 Home economics III
 Home economics IV
 Home economics for boys
Clothing and textiles I
Clothing and textiles II
Other clothing and textiles
 Clothing and textiles III
 Clothing and textiles IV
Foods I
 Food management, production, and services
Foods II
Child development
Family relations
Other home economics
 Foods III
 Foods IV
 Consumer education
 Family health
 Health and home nursing
 Home management
 Housing and home furnishing
 Nutrition
 Occupational preparation

INDUSTRIAL ARTS

General industrial arts (grade 7-8)
General industrial arts I
Other general industrial arts
 Industrial arts II
 Industrial arts III
 Industrial arts IV
Drafting
 Drafting (grade 7-8)
 Drafting (grade 9-12)
 Drawing (grade 7-8)
 Drawing (grade 9-12)
 Drawing
General metals
 General metals (grade 7-8)
 General metals (grade 9-12)
 Metals
 Sheet metal

INDUSTRIAL ARTS-Continued

General metals-Continued
- Metal shop
- Metal technology

General woods
- Woods (grade 7-8)
- Woods (grade 9-12)

Mechanical drawing
- Mechanical drawing (grade 7-8)
- Mechanical drawing (grade 9-12)

Auto mechanics

Electricity/electronics
- Electronics (grade 7-8)
- Electronics (grade 9-12)
- Electricity/electronics (grade 7-8)
- Electricity/electronics (grade 9-12)
- Electricity (grade 7-8)
- Electricity (grade 9-12)

Graphic arts
- Graphic arts (grade 7-8)
- Graphic arts (grade 9-12)

Power mechanics
- Power mechanics (grade 7-8)
- Power mechanics (grade 9-12)

Welding

Other industrial arts
- Art metals
- Carpentry
- Ceramics
- Construction
- Home mechanics
- Ceramics (grade 7-8)
- Ceramics (grade 9-12)
- Construction (grade 7-8)
- Construction (grade 9-12)
- Industrial arts mathematics
- Industrial arts science
- Industrial technology
- Industrial technology (grade 7-8)
- Industrial technology (grade 9-12)
- Leather
- Leather (grade 7-8)
- Leather (grade 9-12)
- Manufacturing
- Manufacturing (grade 7-8)
- Manufacturing (grade 9-12)
- Photography
- Photography (grade 7-8)
- Photography (grade 9-12)
- Plastics
- Plastics (grade 7-8)
- Plastics (grade 9-12)
- Pre-engineering
- Printing
- Textiles
- Transportation
- Aeronautics
- Applied shop
- Applied shop (grade 7-8)
- Applied shop (grade 9-12)
- Architectural drawing
- Cabinet making
- Career orientation
- Engineering drawing
- Exploratory industrial arts
- Industrial arts for girls
- Industrial crafts
- Industrial crafts (grade 7-8)
- Industrial crafts (grade 9-12)
- Industrial design

Other industrial arts-Continued
- Industrial materials and processes
- Jewelry
- Jewelry (grade 7-8)
- Jewelry (grade 9-12)
- Machines
- Manufacturing research
- Power/automotive mechanics
- Technical illustration
- Woods technology
- Crafts (grade 7-8)
- Crafts (grade 9-12)
- Fluid power
- Research and development
- Industrial materials and processes
- Industrial materials
- Industrial plastics
- Home mechanics (grade 7-8)
- Home mechanics (grade 9-12)
- Industrial arts mathematics (grade 7-8)
- Industrial arts mathematics (grade 9-12)
- Surveying

AGRICULTURE

General agriculture (grade 7-8)

Agriculture I

Agriculture II

Agriculture III and IV
- Agriculture III
- Agriculture IV

Agricultural mechanics
- Agricultural electrification
- Safe operation of machinery
- Agricultural construction and maintenance
- Farm mechanics

Plant/animal science
- Plant science
- Animal science

Other agriculture
- Farm business management
- Fertilizers
- Landscaping
- Agriculture products/processing
- Ornamental horticulture

BUSINESS

Bookkeeping I

Other bookkeeping
- Bookkeeping II
- Machine bookkeeping
- Bookkeeping III

Business arithmetic

Business law

Clerical practice

Computers
- Computer-oriented mathematics
- Computer programing
- Introduction to data processing
- Punch card data processing
- Computer operation
- Processing equipment operation

General business

Recordkeeping

Secretarial office practice

Shorthand I

Shorthand II

Typewriting I

BUSINESS-Continued

Typewriting II
Typewriting, personal
Other business
 Accounting
 Advertising and sales promotion
 Business English
 Business finance
 Business machines
 Consumer economics
 Consumer education
 Economic geography
 Office procedures
 Retailing
 Salesmanship
 Personal shorthand
 Dictation
 Machine shorthand
 Machine transcription
 Marketing
 Speed building (shorthand)
 Typewriting III
 Typewriting IV
 Wholesaling
 Economics
 Business principles
 Business organization and management
 Office practices
 Typewriting production
 Office work experience (co-op)
 Vocational office training (co-op)
 Principles of marketing
 Filing
 Shorthand transcription

TRADES AND INDUSTRY

Automotive
 Auto body and fender mechanics I
 Auto body and fender mechanics II
 Automotive mechanics I
 Automotive mechanics II
 Automotice mechanics III
Carpentry
 Carpentry I
 Carpentry II
Miscellaneous construction
 Masonry
 Painting and decoration
 Plumbing and pipefitting
 Structures assembly
 Heavy equipment (construction)
 Construction and maintenance trades
Cosmetology
 Cosmetology I
 Cosmetology II
 Cosmetology III
Machine shop
 Machine shop I
 Machine shop II
Graphics
 Graphics I
 Graphics II
 Printing
 Lithography/photography
 Composition, makeup, and typesetting
Electricity
 Electricity I
 Electricity II

Electricity-Continued
 Motor repair
 Electrical appliance repair
Electronics
 Electronics I
 Electronics II
 Radio/television repair
Metal working
 Foundry
 Machine tool operation
 Sheet metal I
 Sheet metal II
 Welding and cutting I
 Welding and cutting II
 Welding and cutting III
 Metal working I
 Welding and cutting
Other miscellaneous woods
 Cabinetmaking I
 Cabinetmaking II
 Woodworking I
 Woodworking II
 Woodworking III
 Millwork
Other trades and industry
 Aircraft operation
 Barbering
 Cook/chef
 Waiter/waitress
 Aviation power plant mechanics
 Dressmaking
 Heating systems
 Motor repair
 Tailoring
 Cooling
 Industrial cooperative training
 Diesel mechanic
 General aviation mechanics
 Small engine repair
 Vocational group guidance
 Quantity food occupations
 Communications
 Drafting
 Drafting occupations
 Architectural drafting
 Aviation occupations
 Upholstering and drapemaking
 Aircraft operation

HANDICAPPED PROGRAMS

Handicapped (differentialized education)
 Interpersonal and behavioral coping skills
 Dexterity skills
 Vocational and avocational skill development
 Vocational information classroom
 Prevocational work experience
 Specialized vocational preparation
 Avocational experience
 General subject matter
 Art
 English
 Home economics
 Mathematics
 Music
 Natural sciences
 Social sciences

OCCUPATIONAL PROGRAMS

Home economics (occupational)
- Care and guidance of children
- Clothing management, production, and services
- Food management, production, and services
- Home furnishings, equipment, and services
- Institutional and home management
- Health services
- Consumer education
- Family relations
- Homemaking
- Foods and nutrition
- Foods II
- Other homemaking
- Other occupational preparation

Agriculture (occupational)
- Agriculture production
- Agriculture supplies/services
- Agriculture mechanics
- Agriculture products/processing
- Ornamental horticulture
- Agriculture resources
- Forestry
- Cooperative agriculture
- General agriculture I
- General agriculture II
- General agriculture III
- General agriculture IV
- Farm business management
- Fertilizer
- Agricultural electrification
- Plant science
- Other agriculture

Office (occupational)
- Accounting and computing
- Business data processing systems
- Filing, office machines, and general office Clerical occupations
- Information, communication occupations
- Materials support occupations: Transporting, Storing and recording
- Personnel, training, and related occupations
- Stenographic, secretarial, and related occupations
- Supervisory and administrative management Occupations
- Typing and related occupations
- Typist
- Bookkeepers

Distributive education
- Apparel and accessories
- Automotive sales
- Finance and credit
- Food distribution
- Food service
- Distribution I
- Cooperative distribution I
- Distribution II
- Cooperative distribution II
- Advertising service
- General merchandise
- Hardware, building, and form materials
- Hotel and lodging
- Insurance
- Real estate
- Other retail trade
- Home furnishings
- Petroleum
- Retail merchandising

Distributive Education-Continued
- Retailing
- Distribution III

Trades and industrial occupations
- Air-conditioning
- Appliance repair
- Auto services
- Aviation occupations
- Business machine maintenance
- Construction and maintenance trades
- Custodial services
- Diesel mechanic
- Drafting occupations
- Electrical occupations
- Electronic occupations
- Graphic arts occupations
- Instrument maintenance and repair
- Maritime occupations
- Metal working occupations
- Personal services occupations
- Public services occupations
- Quantity food occupations
- Refrigeration
- Small engine repair
- Leather working
- Woodworking occupations
- Blueprint reading
- Commercial art occupations
- Commercial fishing occupations
- Commercial photography occupations
- Fabric maintenance services
- Foremanship, supervision, and management development
- Metallurgy occupations
- Plastics occupations
- Stationary energy sources occupations
- Carpentry
- Structures assembly
- Drafting I
- Drafting II
- Drafting III
- Cosmetology I
- Cosmetology II
- Cosmetology III
- Electronics I
- Electronics II
- Electronics III
- Machine shop I
- Machine shop II
- Machine shop III
- Welding and cutting I
- Welding and cutting II
- Welding and cutting III
- Automotive mechanics I
- Automotive mechanics II
- Automotive mechanics III
- Printing
- Cosmetology
- Automotive mechanics
- Body and fender mechanics
- Vocational group guidance
- Welding and cutting
- Machine shop
- Masonry
- Millwork
- Painting and decorating
- Industrial cooperative training
- Cooling

OCCUPATIONAL PROGRAMS-Continued

Technical education
- Aeronautic technician
- Architectural technician
- Industrial chemistry technician
- Biomedical technician
- Computer circuitry technician
- Electrical technician
- Electromechanical technician
- Electronic technician
- Environmental technician
- Fashion technician
- Instrumental technician
- Mechanical design and construction technician
- Physical science technician
- Police science technician

Health occupations
- Dental assistant
- Dental lab technology
- Environmental health assistant
- Medical lab assistant
- Nursing aide
- Occupational therapy assistant
- Physical therapy assistant
- Practical nursing
- X-ray technology
- Miscellaneous health occupations education

Handicapped (occupational)
- Avocational experience
- Prevocational work experience
- Specialized vocational preparation
- Vocational information-classroom
- Vocational and avocational skills development
- Interpersonal and behavioral coping skills

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
OFFICE OF EDUCATION
WASHINGTON, D.C. 20202

# PRETEST SURVEY OF PUBLIC AND NONPUBLIC SECONDARY SCHOOL OFFERINGS, ENROLLMENTS, AND CURRICULUM PRACTICES, 1970-71

THIS SURVEY IS BEING CONDUCTED BY THE
U.S. Office of Education
National Center for Educational Statistics
Elementary and Secondary Surveys Branch
Washington, D.C. 20202

O.M.B. NO. 51-S71004
APPROVAL EXPIRES: 9/30/71

DATE DUE

NAME AND ADDRESS OF SCHOOL (*Make any needed corrections below, including ZIP code*)

## PURPOSE OF THE SURVEY

This questionnaire is intended to find out what courses and programs are being offered in grades 7 through 12 in secondary schools of the United States and how many pupils are participating in each. In addition, we hope to learn of current trends in the presentation of subject matter and changes in teaching techniques since the last comparable studies were conducted some ten years ago.

**NOTE: Please read instructions carefully before completing this form.**

## PART I. SCHOOL DATA

1. ENCIRCLE EACH GRADE INCLUDED IN YOUR SCHOOL

PK K 1 2 3 4 5 6 7 8 9 10 11 12

2. WRITE IN THE TOTAL ENROLLMENT IN EACH OF THE **SECONDARY** LEVEL GRADES IN YOUR SCHOOL ON OR ABOUT FEBRUARY 1, 1971. DO NOT DUPLICATE THE DATA IN ANY OF THE CELLS. ENTER A "0" FOR ANY GRADE WITH NO ENROLLMENT THIS SCHOOL YEAR.

| GRADE | | | | | | UNGRADED | | POST GRADUATE |
|---|---|---|---|---|---|---|---|---|
| 7 | 8 | 9 | 10 | 11 | 12 | HANDICAPPED | OTHER THAN HANDICAPPED | |
| | | | | | | | | |

3. WHAT SYSTEM ARE YOU USING FOR SCHEDULING CLASSES THIS YEAR?

- ☐ A. UNIFORM CLASS PERIODS EACH WEEK
- ☐ B. ROTATING WEEKLY SCHEDULE
- ☐ C. INTERCHANGING SCHEDULES IN ALTERNATE WEEKS
- ☐ D. FLEXIBLE/MODULAR SCHEDULING
- ☐ E. OTHER (*Specify*)

WHICH OF THE FOLLOWING TEACHING TECHNIQUES ARE IN USE IN YOUR SCHOOL?
(*Check all that apply and indicate subject areas.*)

| TEACHING TECHNIQUES | IN USE | SUBJECT AREAS |
|---|---|---|
| A. TEAM TEACHING | | |
| B. USE OF TEACHER AIDES | | |
| C. INDEPENDENT STUDY/RESEARCH | | |
| D. LARGE AND SMALL GROUP INSTRUCTION | | |
| E. TEACHING MACHINES AND OTHER PROGRAMMED INSTRUCTION | | |

## INSTRUCTIONS AND DEFINITIONS

In this survey, ENROLLMENT means the number of pupils who would be in a class on February 1, 1971 if all pupils were present.

SUBJECT AREA is a broad classification of knowledge traditionally used by schools, such as: Mathematics, Social Studies, Art, etc. These are preceded by two-digit OE Code Numbers in Part II.

**NOTE: The numbering below is keyed to the questions on the left.**

3B. In a ROTATING WEEKLY SCHEDULE, the time at which each course is scheduled usually varies with the day of the week. Thus, if on Monday, the order of classes is English, Social Studies, Art, Mathematics, Health, and Physical Education, the Tuesday sequence may begin with Social Studies and end with English, the Wednesday sequence may begin with Art and end with Social Studies, etc.

3D. In modular scheduling, the day is divided into modules of 15 to 40 minutes, with single or multiple modules for specified activities at the different levels or for individual students. FLEXIBLE/MODULAR SCHEDULING reflects the use of class periods of varying lengths to meet specific needs.

4A. TEAM TEACHING refers to classroom instruction involving two or more teachers who are jointly responsible for planning, instructing, and evaluating a given group of pupils.

4B. TEACHER AIDS are paid staff members performing activities of a nonteaching nature which are NOT classified as professional educational (score tests, prepare audiovisual materials, assume monitorial responsibilities, perform clerical tasks, read themes, etc.).

4C. INDEPENDENT STUDY/RESEARCH provides specified periods for pupils to work on individual projects under the general management of a teacher-adviser rather than attending regular classes. In some cases this may involve a formal contract or agreement.

4D. In LARGE AND SMALL GROUP INSTRUCTION, large groups of students attend regularly scheduled instruction (lecture, TV), then meet one or more times in small-group discussions and other more individualized activities.

4E. TEACHING MACHINES AND OTHER PROGRAMMED INSTRUCTION refers to workbooks, textbooks, or mechanical devices programmed to help pupils attain a specified level of performance while progressing at their own pace. The term includes computer-assisted instruction and individually programmed instruction.



Appendix C

REPRODUCTION OF SURVEY FORM

BEST COPY AVAILABLE

Before completing Part II of this form, please review Part III, Enrollment of Pupils in Occupational Programs *(page 14)*, to insure that you do not duplicate enrollment in the two sections. Part II is concerned with those individual courses for which a pupil may register in accordance with the general program of studies *(curriculum)* which he is following. Part III is concerned only with organized clusters or combinations of courses specifically designed for those pupils declaring their intentions to enter recognized non-professional careers or occupations such as those described in the State Plan for Vocational and Technical Education. The enrollment of such pupils in occupational programs is to be reported only in Part III.

EXAMPLE: If a student is involved in an organized Typing and Related Occupations Program he would be counted in Part III. If Typewriting I forms a unit of this program, he WOULD NOT be counted in the Typewriting I course in Part II of the form; however, he would be counted in those individual courses which are not a part of his specific occupational program *(English grade 11, American History, etc.)*. The specific course enrollment *(First Year Shorthand or Record Keeping)* of a pupil in a general or college preparatory curriculum WOULD be counted in Part II exclusively.

## PART II. ENROLLMENT OF PUPILS BY COURSE, GRADES 7 TO 12, 1970-71 SCHOOL YEAR

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE PROCEEDING TO FILL IN THIS PART OF THE FORM

Exclude data for grades below 7 or above 12, even though they are part of your secondary school. Include college-level courses, if any, taught in grade 12 or below.

Report data for all courses for which credit and/or grades *(including pass/fail)* are given, but do not report on extraclass or cocurricular activities. EXTRACLASS OR COCURRICULAR activities are school-sponsored activities designed to provide opportunities for pupils to broaden their experience but not requiring participation nor awarding credit.

CORE programs should be omitted here, but entered in Part IV, item B. If this form does not contain a course you offer or if you are not entirely satisfied that similar content is covered by the title printed on the basic list, refer to the supplementary list of course titles printed below each subject area and the OE codes accompanying them. Please use these codes when entering your additional courses, entering both the title and the OE Code Number. If the course you offer does not fit any coded subject title, enter the name you use in the blank space under the appropriate subject area. DO NOT CROSS OUT OR CHANGE any course title printed on the form; if it does not fit your situation, leave it blank and follow the instructions above.

Before making any entry in each area of study, examine all courses on the basic list as well as the alternative list, so that your response most accurately represents the course enrollments in your school, e.g., if you have four sections of elementary algebra, with two following the traditional course and two taking the SMSG course, the enrollment for each type should be reported separately.

Report course enrollments in the subject area giving the course in your school. Additional titles for which there is not sufficient space in the particular subject area may be written in the section for "Other Courses" provided at the end of Part II.

For INTERDISCIPLINARY courses involving two or more subject areas, enter data in area 23 at the end of the individual subject area listings, page 12.

Add together the enrollments for all of the classes taught in a given subject and report the enrollment in that course ONCE ONLY. In other words, the presence of each pupil in each course should be indicated only once in Part II or Part III of this report. *(For purposes of this survey, the Classroom and Practice Driving phases of driver education should be considered as two separate courses.)*

Report enrollment for the 1970-71 school year in columns 3, 4, and 5, according to the following scheme:

a. For FULL-YEAR courses, report in col. 3 the enrollment as of February 1.

b. For HALF-YEAR courses, add together the enrollments for the first semester *(at close of term)* and the enrollments for the second semester *(as of February 1, 1971)*, and RECORD THE TOTAL in col. 4. If half-year courses are offered in one semester only, enter the total for that semester in col. 4. If your school is on a quarter or trimester system, courses taught for one quarter or one trimester should be counted in this column.

c. If NINE OR TEN-WEEK courses in a subject are offered several times during the school year, total the enrollments for each session, including the current session, as of February 1, 1971, and enter the sum in col. 5. NOTE: This column applies to full courses, not units within a single course.

In responding to col. 6, enter the grade level for which the course is designed. For courses open to any pupil without regard to grade or prerequisite, enter "U" in this space.

Make sure you include data for courses which your pupils are taking at vocational, technical, or other centers. The enrollment in such courses not taught at your school should be preceded by an asterisk. If your school receives pupils from other schools for specified courses, their enrollment should not be counted by your school.





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| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| **05 ENGLISH LANGUAGE ARTS** | | | | | |
| 000001 | ENGLISH — GRADE 7 | | | | |
| 000002 | ENGLISH — GRADE 8 | | | | |
| 000003 | ENGLISH — GRADE 9 | | | | |
| 000004 | ENGLISH — GRADE 10 | | | | |
| 000005 | ENGLISH — GRADE 11 | | | | |
| 000006 | ENGLISH — GRADE 12 | | | | |
| 000099 | ENGLISH — ADVANCED (college level) | | | | |
| 000013 | ENGLISH — REMEDIAL | | | | |
| 000007 | ENGLISH — SEMINAR | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 030100 | LITERATURE — AMERICAN | | | | |
| 030400 | LITERATURE — ENGLISH | | | | |
| 030500 | LITERATURE — WORLD | | | | |
| 030600 | LITERATURE — BLACK | | | | |
| | | | | | |
| | | | | | |
| 010103 | READING — DEVELOPMENTAL | | | | |
| 010100 | READING — GENERAL | | | | |
| 010105 | READING — REMEDIAL | | | | |
| | | | | | |
| | | | | | |
| 040000 | WRITING — COMPOSITION | | | | |
| 040203 | WRITING — CREATIVE WRITING | | | | |
| 040300 | WRITING — JOURNALISM | | | | |
| | | | | | |
| | | | | | |
| 060102 | DEBATE/FORENSICS | | | | |
| 060200 | DRAMATIC LITERATURE | | | | |
| 060001 | INTRODUCTION TO THEATRE/DRAMA | | | | |
| 070000 | LIBRARY & MEDIA PRACTICES | | | | |
| 020000 | LINGUISTICS | | | | |
| 050110 | SPEECH & PUBLIC SPEAKING I | | | | |
| 060800 | THEATRE HISTORY | | | | |

| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| **05 ENGLISH LANGUAGE ARTS—Con** | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

LIST OF SUPPLEMENTARY CODES FOR ENGLISH LANGUAGE ARTS

| | | | |
|---|---|---|---|
| 060100 | Acting | 050107 | Parliamentary Procedure |
| 040001 | Advanced Composition | 010200 | Penmanship |
| 030200 | Bible Literature | 050400 | Radio/TV/Film |
| 060300 | Creative Dramatics | 030700 | Religious Literature |
| 000011 | English Fundamentals | 050120 | Speech & Public Speaking II |
| 000012 | English Workshop | 010300 | Spelling |
| 000098 | Independent Study | 060600 | Stagecraft/Design |
| 033900 | Novel | 060700 | Theatre Criticism |
| 050208 | Oral Interpretation of Literature | 060400 | Theatre Production |

| | | | | | | |
|---|---|---|---|---|---|---|
| **06 FOREIGN LANGUAGES** | | | | | | |
| 022400 | GENERAL FOREIGN LANGUAGE | | | | | |
| 020700 | ENGLISH AS A FOREIGN LANGUAGE | | | | | |
| 010501 | LATIN — GRADE 7 | | | | | |
| 010502 | LATIN — GRADE 8 | | | | | |
| 010503 | LATIN — 1ST YEAR | | | | | |
| 010504 | LATIN — 2D YEAR | | | | | |
| 010505 | LATIN — 3D YEAR | | | | | |
| 010506 | LATIN — 4TH YEAR | | | | | |
| | | | | | | |
| | | | | | | |
| 020801 | FRENCH — GRADE 7 | | | | | |
| 020802 | FRENCH — GRADE 8 | | | | | |
| 020803 | FRENCH — 1ST YEAR | | | | | |
| 020804 | FRENCH — 2D YEAR | | | | | |
| 020805 | FRENCH — 3D YEAR | | | | | |
| 020806 | FRENCH — 4TH YEAR | | | | | |
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OE FORM 2330, 3-71





BEST COPY AVAILABLE

| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED | | | GRADE PLACEMENT |
|---|---|---|---|---|---|
| | | FULL YEAR COURSES | HALF YEAR COURSES | 8 OR 10 WEEK COURSES | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| **08. FOREIGN LANGUAGES**—Con | | | | | |
| 020901 | GERMAN – GRADE 7 | | | | |
| 020902 | GERMAN – GRADE 8 | | | | |
| 020903 | GERMAN – 1ST YEAR | | | | |
| 020904 | GERMAN – 2D YEAR | | | | |
| 020905 | GERMAN – 3D YEAR | | | | |
| 020906 | GERMAN – 4TH YEAR | | | | |
| | | | | | |
| | | | | | |
| 021303 | ITALIAN – 1ST YEAR | | | | |
| 021304 | ITALIAN – 2D YEAR | | | | |
| | | | | | |
| | | | | | |
| 021803 | RUSSIAN – 1ST YEAR | | | | |
| 021804 | RUSSIAN – 2D YEAR | | | | |
| | | | | | |
| | | | | | |
| 021901 | SPANISH – GRADE 7 | | | | |
| 021902 | SPANISH – GRADE 8 | | | | |
| 021903 | SPANISH – 1ST YEAR | | | | |
| 021904 | SPANISH – 2D YEAR | | | | |
| 021905 | SPANISH – 3D YEAR | | | | |
| 021906 | SPANISH – 4TH YEAR | | | | |
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LIST OF SUPPLEMENTARY CODES FOR FOREIGN LANGUAGES

| | | | |
|---|---|---|---|
| 010507 | Latin–5th year | 020907 | German–5th year |
| 010508 | Latin–6th year | 020908 | German–6th year |
| 010509 | Latin–Advanced *(college-level)* | 020909 | German–Advanced *(college-level)* |
| 020807 | French–5th year | 021907 | Spanish–5th year |
| 020808 | French–6th year | 021908 | Spanish–6th year |
| 020809 | French–Advanced *(college-level)* | 021909 | Spanish–Advanced *(college-level)* |

| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED | | | GRADE PLACEMENT |
|---|---|---|---|---|---|
| | | FULL YEAR COURSES | HALF YEAR COURSES | 8 OR 10 WEEK COURSES | |
| 1 | 2 | 3 | 4 | 5 | 6 |

LIST OF SUPPLEMENTARY CODES FOR FOREIGN LANGUAGES—Con

| | | | |
|---|---|---|---|
| 021301 | Italian–Grade 7 | 010301 | Greek *(classical)*–1st year |
| 021302 | Italian–Grade 8 | 010304 | Greek *(classical)*–2d year |
| 021305 | Italian–3d year | 021100 | Hawaiian |
| 021306 | Italian–4th year | 010403 | Hebrew *(classical)*–1st year |
| 021307 | Italian–5th year | 010404 | Hebrew *(classical)*–2d year |
| 021308 | Italian–6th year | 010405 | Hebrew *(classical)*–3d year |
| 021309 | Italian–Advanced *(college-level)* | 010406 | Hebrew *(classical)*–4th year |
| 021801 | Russian–Grade 7 | 021200 | Hebrew *(modern)* |
| 021802 | Russian–Grade 8 | 022600 | Hungarian |
| 021805 | Russian–3d year | 021400 | Japanese |
| 021806 | Russian–4th year | 021603 | Polish–1st year |
| 021807 | Russian–5th year | 021604 | Polish–2d year |
| 021808 | Russian–6th year | 021703 | Portuguese–1st year |
| 021809 | Russian–Advanced *(college-level)* | 021704 | Portuguese–2d year |
| 020100 | Arabic | 021705 | Portuguese–3d year |
| 020303 | Chinese–1st year | 021706 | Portuguese–4th year |
| 020304 | Chinese–2d year | 022100 | Swahili |
| 020503 | Czech–1st year | 022200 | Swedish |
| 020504 | Czech–2d year | | |

**10. SOCIAL SCIENCES**

| | | | | | | |
|---|---|---|---|---|---|---|
| 080601 | HISTORY | U.S. | GRADES 7–8 | | | | |
| 080602 | | | GRADES 9–12 | | | | |
| 080901 | | WORLD | GRADES 7–8 | | | | |
| 080902 | | | GRADES 9–12 | | | | |
| 080401 | | STATE | GRADES 7–8 | | | | |
| 080402 | | | GRADES 9–12 | | | | |
| 080101 | | AMERICAN HISTORY AND WORLD BACKGROUNDS | | | | | |
| 080802 | | ANCIENT-MEDIEVAL HISTORY | | | | | |
| 080606 | | BLACK HISTORY *(U.S.)* | | | | | |
| 080604 | | ENGLISH HISTORY | | | | | |
| 080108 | | LATIN AMERICAN HISTORY | | | | | |
| 080302 | | MODERN EUROPEAN HISTORY | | | | | |
| 080130 | | NON-WESTERN CIVILIZATION | | | | | |
| 080701 | | ORIENTAL HISTORY | | | | | |
| 080600 | | WESTERN CIVILIZATION | | | | | |
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BEST COPY AVAILABLE

| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19. SOCIAL SCIENCES—Con. | | | | | |
| 070001 | GEOGRAPHY — GRADE 7 OR 8 | | | | |
| 070203 | GEOGRAPHY — ECONOMIC (commercial) | | | | |
| 070200 | GEOGRAPHY — HUMAN OR CULTURAL | | | | |
| 070300 | GEOGRAPHY — PHYSICAL | | | | |
| 070204 | GEOGRAPHY — POLITICAL | | | | |
| 070400 | GEOGRAPHY — REGIONAL | | | | |
| 070411 | GEOGRAPHY — WORLD OR GLOBAL | | | | |
| | GEOGRAPHY | | | | |
| | GEOGRAPHY | | | | |
| | GEOGRAPHY | | | | |
| 110100 | POLITICAL SCIENCE — AMERICAN GOVERNMENT | | | | |
| 110106 | POLITICAL SCIENCE — BASIC AMERICAN LAW | | | | |
| 110105 | POLITICAL SCIENCE — COMMUNITY CIVICS | | | | |
| 110301 | POLITICAL SCIENCE — CURRENT EVENTS | | | | |
| 110400 | POLITICAL SCIENCE — INTERNATIONAL RELATIONS | | | | |
| 110103 | POLITICAL SCIENCE — PROBLEMS OF DEMOCRACY | | | | |
| 110101 | POLITICAL SCIENCE — U.S. CONSTITUTION | | | | |
| | POLITICAL SCIENCE | | | | |
| | POLITICAL SCIENCE | | | | |
| | POLITICAL SCIENCE | | | | |
| | POLITICAL SCIENCE | | | | |
| 150001 | SOCIAL STUDIES — GRADE 7 | | | | |
| 150002 | SOCIAL STUDIES — GRADE 8 | | | | |
| 150003 | SOCIAL STUDIES — GRADE 9 | | | | |
| 010000 | OTHER SOCIAL SCIENCES — ANTHROPOLOGY | | | | |
| 150010 | OTHER SOCIAL SCIENCES — COMMUNITY RELATIONS | | | | |
| 140101 | OTHER SOCIAL SCIENCES — COMPARATIVE RELIGION | | | | |
| 040000 | OTHER SOCIAL SCIENCES — CONSERVATION | | | | |
| 080300 | OTHER SOCIAL SCIENCES — CONSUMER ECONOMICS | | | | |
| 050000 | OTHER SOCIAL SCIENCES — CONSUMER EDUCATION | | | | |
| 080000 | OTHER SOCIAL SCIENCES — ECONOMICS | | | | |
| 040100 | OTHER SOCIAL SCIENCES — ENVIRONMENTAL PROBLEMS | | | | |
| 150020 | OTHER SOCIAL SCIENCES — INTERGROUP RELATIONS | | | | |
| 100000 | OTHER SOCIAL SCIENCES — PHILOSOPHY | | | | |
| 120000 | OTHER SOCIAL SCIENCES — PSYCHOLOGY | | | | |
| 130000 | OTHER SOCIAL SCIENCES — SOCIOLOGY | | | | |

| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19. SOCIAL SCIENCES—Con. | | | | | |
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LIST OF SUPPLEMENTARY CODES FOR SOCIAL SCIENCES

| | | | |
|---|---|---|---|
| 080099 | Advanced *(college-level)* History | 080098 | Independent Study *(History)* |
| 110099 | Advanced *(college-level)* Political Science | 110098 | Independent Study *(Political Science)* |
| 000099 | Advanced *(college-level)* Social Sciences | 000098 | Independent Study *(Social Sciences)* |
| 020101 | African Area Studies | 080903 | Industrial History |
| 080706 | African History | 020400 | Interdisciplinary Social Studies |
| 020200 | American Area Studies | 020106 | Latin American Area Studies |
| 080504 | American Studies | 080200 | Local History |
| 020109 | Asian & African Area Studies | 010201 | Man & His World |
| 020102 | Asian Area Studies | 080103 | Northwest History |
| 080705 | Asian History | 060900 | Occupations |
| 080803 | Bible History | 020110 | Oriental Area Studies |
| 110200 | Comparative Systems | 080707 | Pacific Ocean Areas History |
| 110302 | Contemporary Civilization | 010202 | Patterns in Human History *(ASCP)* |
| 110701 | Contemporary Political Thought | 110700 | Political Theory |
| 110300 | Contemporary World Affairs | 020108 | Russian Area Studies |
| 080704 | Eastern Hemisphere | 080702 | Russian History |
| 080905 | Economic History | 130500 | Social Problems |
| 061000 | Economic Problems | 110104 | State Government |
| 020105 | European Area Studies | 070410 | U.S. Geography |
| 070500 | High School Geography Project *(HSGP)* | 020111 | Western European Area Studies |
| 140102 | History of Religion | 010200 | World Cultures |
| 110900 | Human Relations | 080800 | World Civilization |

| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 19. RELIGION *(For religious-affiliated schools only)* | | | | | |
| 140201 | RELIGION — GRADE 7 | | | | |
| 140202 | RELIGION — GRADE 8 | | | | |
| 140203 | RELIGION — GRADE 9 | | | | |
| 140204 | RELIGION — GRADE 10 | | | | |
| 140206 | RELIGION — GRADE 11 | | | | |
| 140208 | RELIGION — GRADE 12 | | | | |
| 140210 | HISTORY OF RELIGION | | | | |

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| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED | | | GRADE PLACEMENT |
|---|---|---|---|---|---|
| | | FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| **10. RELIGION**—Con | | | | | |
| 140211 | RELIGION & BIBLE STUDY | | | | |
| 140212 | PHILOSOPHY OF RELIGION | | | | |
| 140213 | RELIGIOUS ETHICS | | | | |
| **11. MATHEMATICS** | | | | | |
| 020007 | GENERAL MATH — GRADE 7 | | | | |
| 020008 | GENERAL MATH — GRADE 8 | | | | |
| 110500 | GRADES 9-12 — ELEMENTARY | | | | |
| 110800 | GRADES 9-12 — ADVANCED | | | | |
| 180100 | REMEDIAL MATHEMATICS — GRADES 7–8 | | | | |
| 180200 | REMEDIAL MATHEMATICS — GRADES 9–12 | | | | |
| 030100 | ALGEBRA — ELEMENTARY | | | | |
| 030200 | ALGEBRA — INTERMEDIATE | | | | |
| 030300 | ALGEBRA — ADVANCED | | | | |
| | | | | | |
| | | | | | |
| 120200 | GEOMETRY — PLANE | | | | |
| 120400 | GEOMETRY — SOLID | | | | |
| 120100 | GEOMETRY — ANALYTIC | | | | |
| | | | | | |
| 920100 | SMSG — GRADES 7–8 | | | | |
| 920200 | SMSG — GRADE 9 *(Algebra)* | | | | |
| 920300 | SMSG — GRADE 10 *(Geometry)* | | | | |
| 920400 | SMSG — GRADE 11 *(Algebra 3 & 4)* | | | | |
| 920500 | SMSG — GRADE 12 *(Trigonometry with Mathematical Analysis)* | | | | |
| 920600 | SMSG — CALCULUS | | | | |
| 920700 | SMSG — ALGORITHMS WITH COMPUTATIONS | | | | |
| 000099 | ADVANCED *(college-level)* MATH | | | | |
| 080100 | CALCULUS I | | | | |
| 070000 | CALCULUS WITH ANALYTIC GEOMETRY | | | | |
| 080000 | COMPUTER MATHEMATICS | | | | |
| 080000 | ELEMENTARY FUNCTIONS | | | | |

*School Mathematics Study Group*

| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED | | | GRADE PLACEMENT |
|---|---|---|---|---|---|
| | | FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| **11. MATHEMATICS**—Con | | | | | |
| 000099 | INDEPENDENT STUDY | | | | |
| 040000 | INTEGRATED ALGEBRA & TRIGONOMETRY | | | | |
| 130000 | INTRODUCTION TO ANALYSIS | | | | |
| 150000 | PROBABILITY & STATISTICS | | | | |
| 160000 | TRIGONOMETRY | | | | |

LIST OF SUPPLEMENTARY CODES FOR MATHEMATICS

| | | | |
|---|---|---|---|
| 060200 | Calculus II | 030600 | Linear Algebra |
| 120300 | Integrated Plane & Solid Geometry | 030700 | Matrix Algebra |

*(Special curriculum developments)*

| | | | |
|---|---|---|---|
| 900000 | Beta Math *(I–IV)* | 930400 | SSMCIS, grade 10 |
| 910100 | GCMP, grade 7 *(Greater Cleveland Math Project)* | 930500 | SSMCIS, grade 11 |
| 910200 | GCMP, grade 8 | 930600 | SSMCIS, grade 12 |
| 910300 | GCMP, grade 9 | 940100 | UICSM, grade 7 *(University of Illinois Committee on School Math)* |
| 910400 | GCMP, grade 10 | | |
| 910500 | GCMP, grade 11 | 940200 | UICSM, grade 8 |
| 910600 | GCMP, grade 12 | 940300 | UICSM, grade 9 |
| 930100 | SSMCIS, grade 7 *(Secondary School Math Curriculum Improvement Study)* | 940400 | UICSM, grade 10 |
| | | 940500 | UICSM, grade 11 |
| 930200 | SSMCIS, grade 8 | 940600 | UICSM, grade 12 |
| 930300 | SSMCIS, grade 9 | | |

**12. NATURAL SCIENCES**

| | | | | | | |
|---|---|---|---|---|---|---|
| 010001 | GENERAL SCIENCE | GRADE 7 | | | | |
| 010002 | GENERAL SCIENCE | GRADE 8 | | | | |
| 010003 | GENERAL SCIENCE | GRADE 9 | | | | |
| 010004 | GENERAL SCIENCE | GRADES 10–12 | | | | |
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| TX. CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 5 OR 10+ WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| **13 NATURAL SCIENCES** (cont.) | | | | | |
| 020400 | BIOLOGY — 1ST YEAR | | | | |
| 020500 | BIOLOGY — 2D YEAR | | | | |
| 020100 | BIOLOGY — BOTANY | | | | |
| 020011 | BIOLOGY — ECOLOGY | | | | |
| 020029 | BIOLOGY — ENVIRONMENTAL SCIENCE | | | | |
| 020020 | BIOLOGY — PHYSIOLOGY | | | | |
| 020300 | BIOLOGY — ZOOLOGY | | | | |
| | BIOLOGY | | | | |
| | BIOLOGY | | | | |
| | BIOLOGY | | | | |
| 020601 | APPALACHIAN BIOLOGY — BLUE VERSION | | | | |
| 020602 | APPALACHIAN BIOLOGY — GREEN VERSION | | | | |
| 020603 | APPALACHIAN BIOLOGY — YELLOW VERSION | | | | |
| 020604 | APPALACHIAN BIOLOGY — SPECIAL MATERIALS | | | | |
| 020605 | APPALACHIAN BIOLOGY — SECOND COURSE | | | | |
| 030101 | CHEMISTRY — 1ST YEAR | | | | |
| 030102 | CHEMISTRY — 2D YEAR | | | | |
| | CHEMISTRY | | | | |
| | CHEMISTRY | | | | |
| | CHEMISTRY | | | | |
| 030201 | PHYSICS — 1ST YEAR | | | | |
| 030202 | PHYSICS — 2D YEAR | | | | |
| | PHYSICS | | | | |
| | PHYSICS | | | | |
| | PHYSICS | | | | |
| 030001 | PHYSICAL SCIENCE — 1ST YEAR | | | | |
| 030002 | PHYSICAL SCIENCE — 2D YEAR | | | | |
| | PHYSICAL SCIENCE | | | | |
| | PHYSICAL SCIENCE | | | | |
| | PHYSICAL SCIENCE | | | | |
| 040101 | AEROSPACE SCIENCES — AERONAUTICS | | | | |
| 040020 | AEROSPACE SCIENCES — EARTH SCIENCE | | | | |
| 040200 | AEROSPACE SCIENCES — GEOLOGY | | | | |
| 040400 | AEROSPACE SCIENCES — OCEANOGRAPHY | | | | |
| 010200 | AEROSPACE SCIENCES — RESEARCH SEMINAR | | | | |
| 040021 | AEROSPACE SCIENCES — SPACE SCIENCE | | | | |

**Biological Sciences Curriculum Study

| TX. CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 5 OR 10+ WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| **13 NATURAL SCIENCES** (cont.) | | | | | |

LIST OF SUPPLEMENTARY CODES FOR NATURAL SCIENCES

| | | | |
|---|---|---|---|
| 030599 | Advanced (college level) Biology | 030198 | Independent Study (Chemistry) |
| 030023 | Applied Biology | 030299 | Advanced (college level) Physics |
| 030300 | Biochemistry | 030208 | Electricity |
| 030016 | Field Biology | 030209 | Electronics |
| 030599 | Independent Study (Biology) | 030298 | Independent Study (Physics) |
| 030024 | Marine Biology | 030219 | Nuclear Science |
| 030199 | Advanced (college level) Chemistry | | |

*(Special curriculum developments)*

| | | | |
|---|---|---|---|
| 030103 | CBA Chemistry (*Chemical Bond Approach*) | 030205 | IPS (*Introductory Physical Science*) |
| 030104 | CHEM Study Chemistry | 010101 | ISCS, grade 7 (*Intermediate Science Curriculum Study*) |
| 030207 | ECCP (*Engineering Concepts Curriculum Project*) | 010102 | ISCS, grade 8 |
| 030204 | HPP (*Harvard Project Physics*) | 010103 | ISCS, grade 9 |
| 030206 | IME (*Interaction of Matter & Energy*) | 030203 | PSSC (*Physical Science Study Committee Physics*) |

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|---|---|---|---|---|---|---|
| **02 ART** | | | | | | |
| 000001 | GENERAL | ART I | | | | |
| 000002 | GENERAL | ART II | | | | |
| 000003 | GENERAL | ART III | | | | |
| 000004 | GENERAL | ART IV | | | | |
| 010400 | ART APPRECIATION | | | | | |
| 010100 | ART HISTORY | | | | | |
| 020000 | ART STUDIO | | | | | |
| 020402 | CERAMICS | | | | | |
| 020200 | COMMERCIAL DESIGN | | | | | |
| 020800 | DRAWING & PAINTING | | | | | |
| 020201 | GRAPHICS | | | | | |
| 020401 | METAL & JEWELRY | | | | | |



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| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL-YEAR COURSES | HALF-YEAR COURSES | FOR 10-WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| **02. ART**—Con. | | | | | |
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LIST OF SUPPLEMENTARY CODES FOR ART

| | | | |
|---|---|---|---|
| 020701 | Filmmaking | 020700 | Photography |
| 020400 | General Crafts | 020200 | School Service Art |
| 000099 | Independent Study | 020900 | Sculpture |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **12. MUSIC** | | | | | | | |
| 050100 | INSTRUMENTAL | BAND | | | | | |
| 050200 | | ORCHESTRA | | | | | |
| 050300 | | SMALL ENSEMBLES | | | | | |
| 050400 | | INSTRUMENTAL CLASSES | | | | | |
| 040500 | VOCAL | CHORUS | | | | | |
| 040400 | | CHOIR | | | | | |
| 040600 | | GLEE CLUB | | | | | |
| 040300 | | SMALL ENSEMBLES | | | | | |
| 030300 | COMPOSITION/COUNTERPOINT | | | | | | |
| 010000 | GENERAL MUSIC | | | | | | |
| 010099 | INDEPENDENT STUDY | | | | | | |
| 020100 | MUSIC APPRECIATION | | | | | | |
| 030000 | THEORY & HARMONY | | | | | | |
| | | | | | | | |

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|---|---|---|---|---|---|---|---|
| **08. HEALTH & PHYSICAL EDUCATION** | | | | | | | |
| 11020101 | HEALTH & PHYSICAL EDUCATION COMBINED | GRADE 7 | BOYS | | | | |
| 11020102 | | | GIRLS | | | | |
| 11020201 | | GRADE 8 | BOYS | | | | |
| 11020202 | | | GIRLS | | | | |
| 11020301 | | GRADE 9 | BOYS | | | | |
| 11020302 | | | GIRLS | | | | |
| 11020401 | | GRADE 10 | BOYS | | | | |
| 11020402 | | | GIRLS | | | | |
| 11020501 | | GRADE 11 | BOYS | | | | |
| 11020502 | | | GIRLS | | | | |
| 11020801 | | GRADE 12 | BOYS | | | | |
| 11020802 | | | GIRLS | | | | |

| OE CODE NUMBER | COURSE TITLE | | | TOTAL NUMBER OF PUPILS ENROLLED: FULL-YEAR COURSES | HALF-YEAR COURSES | FOR 10-WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|---|---|
| 1 | 2 | | | 3 | 4 | 5 | 6 |
| **08. HEALTH & PHYSICAL EDUCATION**—Con. | | | | | | | |
| 03000101 | PHYSICAL EDUCATION | GRADE 7 | BOYS | | | | |
| 03000102 | | | GIRLS | | | | |
| 03000201 | | GRADE 8 | BOYS | | | | |
| 03000202 | | | GIRLS | | | | |
| 03000301 | | GRADE 9 | BOYS | | | | |
| 03000302 | | | GIRLS | | | | |
| 03000401 | | GRADE 10 | BOYS | | | | |
| 03000402 | | | GIRLS | | | | |
| 03000501 | | GRADE 11 | BOYS | | | | |
| 03000502 | | | GIRLS | | | | |
| 03000801 | | GRADE 12 | BOYS | | | | |
| 03000802 | | | GIRLS | | | | |
| 03010001 | | ADAPTED | BOYS | | | | |
| 03010002 | | | GIRLS | | | | |
| 01000100 | HEALTH | GRADES 7-8 | | | | | |
| 01000200 | | GRADES 9-12 | | | | | |
| 01130100 | HEALTH & SAFETY | GRADES 7-8 | | | | | |
| 01130200 | | GRADES 9-12 | | | | | |
| 01080000 | ALCOHOL, DRUGS, & TOBACCO | | | | | | |
| 03040104 | CREATIVE MOVEMENT | | | | | | |
| 01040010 | ENVIRONMENTAL HEALTH | | | | | | |
| 01060000 | FIRST AID | | | | | | |
| 03040102 | MODERN DANCE | | | | | | |
| 01050000 | SEX EDUCATION & FAMILY LIFE | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

LIST OF SUPPLEMENTARY CODES FOR HEALTH & PHYSICAL EDUCATION

| | | | |
|---|---|---|---|
| 03040105 | Ballet | 04040000 | Outdoor Recreation |
| 01010000 | Community Health | 03000001 | Physical Education No Grade Breakdown–Boys |
| 03040101 | Folk Dance | 03000002 | Physical Education No Grade Breakdown–Girls |
| 01120001 | Health & Physical Education No Grade Breakdown–Boys | 04000000 | Recreation |
| 01120002 | Health & Physical Education No Grade Breakdown–Girls | 03040103 | Social Dance |
| 01100500 | Mental Health | | |



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| OE CODE NUMBER | COURSE TITLE | | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 18 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | 5 | 6 |
| **21 SAFETY & DRIVER EDUCATION** | | | | | | |
| Report the total enrollment for driver education under CLASSROOM PHASE. If any of these pupils are receiving driving experience they should also be recorded under PRACTICE DRIVING. | | | | | | |
| 011100 | DRIVER EDUCATION | CLASSROOM PHASE | | | | |
| 010400 | | PRACTICE DRIVING | | | | |
| 020001 | SAFETY | GRADES 7-8 | | | | |
| 020002 | | GRADES 9-12 | | | | |
| 020100 | CIVIL DEFENSE | | | | | |
| **22 JUNIOR R.O.T.C.** | | | | | | |
| 000001 | FIRST YEAR | | | | | |
| 000002 | SECOND YEAR | | | | | |
| 000003 | THIRD YEAR | | | | | |
| **09 HOME ECONOMICS (GENERAL)** | | | | | | |
| 010001 | HOME ECONOMICS | GRADE 7 | | | | |
| 010002 | | GRADE 8 | | | | |
| 010003 | | GRADES 9-12 1ST YEAR | | | | |
| 010004 | | 2D YEAR | | | | |
| 010005 | | 3D YEAR | | | | |
| 010006 | | 4TH YEAR | | | | |
| 010007 | | SEPARATE COURSE FOR BOYS | | | | |
| 010301 | CLOTHING & TEXTILES | 1ST YEAR | | | | |
| 010302 | | 2D YEAR | | | | |
| 010303 | | 3D YEAR | | | | |
| 010304 | | 4TH YEAR | | | | |
| 010701 | FOODS | 1ST YEAR | | | | |
| 010702 | | 2D YEAR | | | | |
| 010703 | | 3D YEAR | | | | |
| 010704 | | 4TH YEAR | | | | |
| 010200 | CHILD DEVELOPMENT | | | | | |
| 010400 | CONSUMER EDUCATION | | | | | |

| OE CODE NUMBER | COURSE TITLE | | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 18 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | 5 | 6 |
| **09 HOME ECONOMICS (Cont.)** | | | | | | |
| 010500 | FAMILY HEALTH | | | | | |
| 010600 | FAMILY RELATIONS (Living) | | | | | |
| 011000 | HEALTH & HOME NURSING | | | | | |
| 010800 | HOME MANAGEMENT | | | | | |
| 010900 | HOUSING & HOME FURNISHING | | | | | |
| 010705 | NUTRITION | | | | | |
| **10 INDUSTRIAL ARTS** | | | | | | |
| 060001 | GENERAL INDUSTRIAL ARTS | GRADES 7-8 | | | | |
| 060002 | | GRADES 9-12 1ST YEAR | | | | |
| 060003 | | 2D YEAR | | | | |
| 060004 | | 3D YEAR | | | | |
| 060005 | | 4TH YEAR | | | | |
| 020100 | ART METALS | | | | | |
| 180100 | AUTO MECHANICS | | | | | |
| 010300 | CARPENTRY | | | | | |
| 020201 | CERAMICS | GRADES 7-8 | | | | |
| 020202 | | GRADES 9-12 | | | | |
| 010001 | CONSTRUCTION | GRADES 7-8 | | | | |
| 010002 | | GRADES 9-12 | | | | |
| 020001 | CRAFTS | GRADES 7-8 | | | | |
| 020002 | | GRADES 9-12 | | | | |
| 030001 | DRAFTING | GRADES 7-8 | | | | |
| 030002 | | GRADES 9-12 | | | | |
| 040001 | ELECTRICITY-ELECTRONICS | GRADES 7-8 | | | | |
| 040002 | | GRADES 9-12 | | | | |
| 120100 | FLUID POWER | | | | | |
| 140001 | GENERAL METALS | GRADES 7-8 | | | | |
| 140002 | | GRADES 9-12 | | | | |
| 190001 | GENERAL WOODS | GRADES 7-8 | | | | |
| 190002 | | GRADES 9-12 | | | | |

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| OE CODE NUMBER | COURSE TITLE | | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | 5 | 6 |
| **10. INDUSTRIAL ARTS** (Cont.) | | | | | | |
| 070101 | GRAPHIC ARTS | GRADES 7-8 | | | | |
| 070102 | | GRADES 9-12 | | | | |
| 090001 | HOME MECHANICS | GRADES 7-8 | | | | |
| 090002 | | GRADES 9-12 | | | | |
| 090001 | INDUSTRIAL ARTS MATHEMATICS | GRADES 7-8 | | | | |
| 090002 | | GRADES 9-12 | | | | |
| 100001 | INDUSTRIAL ARTS SCIENCE | GRADES 7-8 | | | | |
| 100002 | | GRADES 9-12 | | | | |
| 130101 | INDUSTRIAL TECHNOLOGY | GRADES 7-8 | | | | |
| 130102 | | GRADES 9-12 | | | | |
| 020501 | LEATHER | GRADES 7-8 | | | | |
| 020502 | | GRADES 9-12 | | | | |
| 130001 | MANUFACTURING | GRADES 7-8 | | | | |
| 130002 | | GRADES 9-12 | | | | |
| 030701 | MECHANICAL DRAWING | GRADES 7-8 | | | | |
| 030702 | | GRADES 9-12 | | | | |
| 070201 | PHOTOGRAPHY | GRADES 7-8 | | | | |
| 070202 | | GRADES 9-12 | | | | |
| 020601 | PLASTICS | GRADES 7-8 | | | | |
| 020602 | | GRADES 9-12 | | | | |
| 010100 | PRE-ENGINEERING | | | | | |
| 070300 | PRINTING | | | | | |
| 160301 | POWER MECHANICS | GRADES 7-8 | | | | |
| 160302 | | GRADES 9-12 | | | | |
| 020600 | TEXTILES | | | | | |
| 180400 | TRANSPORTATION | | | | | |
| 140500 | WELDING | | | | | |

LIST OF SUPPLEMENTARY CODES FOR INDUSTRIAL ARTS

| | | | |
|---|---|---|---|
| 160500 | Aeronautics | 120201 | Industrial Materials, grades 7-8 |
| 060101 | Applied Shop, grades 7-8 | 120202 | Industrial Materials, grades 9-12 |
| 060102 | Applied Shop, grades 9-12 | 120300 | Industrial Materials & Processes |
| 030100 | Architectural Drawing | 150100 | Industrial Plastics |
| 190500 | Cabinetmaking | 120800 | Industrial Practices |
| 130200 | Career Orientation | 120401 | Industrial Processes, grades 7-8 |
| 030400 | Drafting Technology | 120402 | Industrial Processes, grades 9-12 |
| 030901 | Drawing, grades 7-8 | 140701 | Jewelry, grades 7-8 |
| 030902 | Drawing, grades 9-12 | 140702 | Jewelry, grades 9-12 |
| 040101 | Electricity, grades 7-8 | 160700 | Machines |
| 040102 | Electricity, grades 9-12 | 130400 | Manufacturing Research |
| 040301 | Electronics, grades 7-8 | 160000 | Power Automotive Mechanics |
| 040302 | Electronics, grades 9-12 | 120701 | Production, grades 7-8 |
| 030500 | Engineering Drawing | 120702 | Production, grades 9-12 |
| 130500 | Exploratory Industrial Arts | 040400 | Radio Technical Electricity |
| 070700 | Graphic Communications | 170000 | Research & Development |
| 060200 | Industrial Arts for Girls | 180100 | Surveying |
| 020301 | Industrial Crafts, grades 7-8 | 030800 | Technical Illustration |
| 020302 | Industrial Crafts, grades 9-12 | 190200 | Woods Technology |
| 030600 | Industrial Design | | |

| OE CODE NUMBER | COURSE TITLE | | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | 5 | 6 |
| **01. AGRICULTURE (GENERAL)** | | | | | | |
| 000001 | GENERAL AGRICULTURE (Grades 7-8) | | | | | |
| 030800 | SAFE OPERATION OF FARM MACHINERY (Grades 7-8) | | | | | |
| **03. BUSINESS** | | | | | | |
| 010000 | ACCOUNTING | | | | | |
| 020000 | ADVERTISING & SALES PROMOTION | | | | | |
| 030100 | BOOKKEEPING | 1ST YEAR | | | | |
| 030200 | | 2D YEAR | | | | |
| 030500 | | MACHINE | | | | |
| 050000 | BUSINESS ARITHMETIC | | | | | |
| 080000 | BUSINESS ENGLISH | | | | | |
| 090000 | BUSINESS FINANCE | | | | | |



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| 6-DIGIT NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9-OR-10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 13 BUSINESS (cont) | | | | | |
| 110000 | BUSINESS MACHINES | | | | |
| 090000 | BUSINESS LAW | | | | |
| 160000 | CLERICAL PRACTICE | | | | |
| 120300 | COMPUTER MATHEMATICS | | | | |
| 170400 | COMPUTER PROGRAMMING | | | | |
| 150100 | CONSUMER ECONOMICS | | | | |
| 150000 | CONSUMER EDUCATION | | | | |
| 100000 | ECONOMIC GEOGRAPHY | | | | |
| 230000 | GENERAL BUSINESS | | | | |
| 170100 | INTRODUCTION TO DATA PROCESSING | | | | |
| 170901 | KEY PUNCH | | | | |
| 250000 | OFFICE PROCEDURES | | | | |
| 030700 | RECORD KEEPING | | | | |
| 270000 | RETAILING | | | | |
| 330000 | SALESMANSHIP | | | | |
| 340000 | SECRETARIAL OFFICE PRACTICES | | | | |
| 340300 | SHORTHAND 1ST YEAR | | | | |
| 340400 | SHORTHAND 2D YEAR | | | | |
| 340200 | SHORTHAND PERSONAL | | | | |
| 350300 | TYPEWRITING 1ST YEAR | | | | |
| 350400 | TYPEWRITING 2D YEAR | | | | |
| 350100 | TYPEWRITING PERSONAL | | | | |

LIST OF SUPPLEMENTARY CODES FOR BUSINESS

| | | | |
|---|---|---|---|
| 030300 | Bookkeeping, 3d year | 340800 | Machine Transcription |
| 030400 | Bookkeeping, 4th year | 270000 | Marketing |
| 120000 | Business Statistics | 350200 | Production Typewriting |
| 170500 | Computer Operation | 340600 | Speedbuilding (Shorthand) |
| 170600 | Computer Processing Equipment Operation | 350500 | Typewriting, 3d year |
| 340500 | Dictation | 350600 | Typewriting, 4th year |
| 210000 | Filing | 360000 | Wholesaling (General) |
| 340100 | Machine Shorthand | | |

| 6-DIGIT NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9-OR-10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 12 TRADES & INDUSTRY (cont) | | | | | |
| 080200 | AIRCRAFT OPERATION | | | | |
| 030101 | AUTO BODY & FENDER MECHANICS I | | | | |
| 080201 | AUTOMOTIVE MECHANICS I | | | | |
| 260100 | BARBERING | | | | |
| 360201 | CABINETMAKING I | | | | |
| 100101 | CARPENTRY 1ST YEAR | | | | |
| 100102 | CARPENTRY 2D YEAR | | | | |
| 250200 | COOK/CHEF | | | | |
| 260201 | COSMETOLOGY I | | | | |
| 020100 | ELECTRICAL APPLIANCE REPAIR | | | | |
| 140001 | ELECTRICITY 1ST YEAR | | | | |
| 140002 | ELECTRICITY 2D YEAR | | | | |
| 150001 | ELECTRONICS 1ST YEAR | | | | |
| 150002 | ELECTRONICS 2D YEAR | | | | |
| 230100 | FOUNDRY | | | | |
| 040100 | GENERAL AVIATION MECHANICS | | | | |
| 190001 | GRAPHIC ART 1ST YEAR | | | | |
| 190002 | GRAPHIC ART 2D YEAR | | | | |
| 150200 | INDUSTRIAL ELECTRONICS | | | | |
| 230200 | MACHINE SHOP | | | | |
| 230300 | MACHINE TOOL OPERATION | | | | |
| 100400 | MASONRY | | | | |
| 100500 | PAINTING & DECORATING | | | | |
| 100800 | PLASTERING | | | | |
| 100700 | PLUMBING & PIPEFITTING | | | | |
| 190200 | PRINTING | | | | |
| 150300 | RADIO/T.V. REPAIR | | | | |
| 230501 | SHEET METAL I | | | | |
| 250400 | WAITER/WAITRESS | | | | |
| 210200 | WATCHMAKING & REPAIR | | | | |
| 230801 | WELDING & CUTTING I | | | | |
| 380001 | WOODWORKING I | | | | |

OE FORM 2330, 3-71





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| OE CODE NUMBER | COURSE TITLE | TOTAL NUMBER OF PUPILS ENROLLED: FULL YEAR COURSES | HALF YEAR COURSES | 9 OR 10 WEEK COURSES | GRADE PLACEMENT |
|---|---|---|---|---|---|
| 17 | 2 | 3 | 4 | 5 | 6 |
| **17 TRADES & INDUSTRY** (Courses) | | | | | |
| | | | | | |
| | | | | | |
|

## PART III. ENROLLMENT OF PUPILS IN OCCUPATIONAL PROGRAMS, GRADES 7–12
### 1970–71 SCHOOL YEAR

An OCCUPATIONAL PROGRAM is an organized combination or cluster of courses specifically designed for those pupils declaring their intentions to enter recognized nonprofessional careers or occupations such as those described in the State Plan for Vocational and Technical Education. Report here all pupils enrolled in such occupational programs.

Exclude data for any postsecondary (*above grade 12*) programs your school may offer.

DO NOT DUPLICATE in Part III any enrollment entered in Part II of this form.

If the programs listed in each subject area of Part III do not contain a program you offer, enter your name for this program in the blank space under the appropriate subject area. DO NOT CROSS OUT OR CHANGE any program title printed on the form.

Make sure you include data for programs in which your pupils are participating at vocational, technical or other centers. The enrollment in such programs not taught at your school should be preceded by an asterisk. If your school receives pupils from other schools for specified programs, their enrollment should not be counted by your school.

Enter the total enrollment for a given program (*as of February 1, 1971*) in column 3.

In column 4, enter the prescribed length of the specific program in terms of weeks.

| OE CODE NUMBER | OCCUPATIONAL PROGRAM TITLE | TOTAL ENROLLMENT IN PROGRAM | LENGTH OF PROGRAM (*In weeks*) |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| **09. HOME ECONOMICS** *(OCCUPATIONAL)* | | | |
| 020100 | CARE & GUIDANCE OF CHILDREN | | |
| 020200 | CLOTHING MANAGEMENT, PRODUCTION, & SERVICES | | |
| 020300 | FOOD MANAGEMENT, PRODUCTION, & SERVICES | | |
| 020400 | HOME FURNISHINGS, EQUIPMENT, & SERVICES | | |
| 020500 | INSTITUTIONAL & HOME MANAGEMENT | | |
| 020800 | HEALTH SERVICES | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| **01. AGRICULTURE** *(OCCUPATIONAL)* | | | |
| 010000 | AGRICULTURE PRODUCTION | | |
| 020000 | AGRICULTURAL SUPPLIES/SERVICES | | |
| 030000 | AGRICULTURAL MECHANICS | | |
| 040000 | AGRICULTURE PRODUCTS/PROCESSING | | |
| 050000 | ORNAMENTAL HORTICULTURE | | |
| 080000 | AGRICULTURAL RESOURCES | | |
| 070000 | FORESTRY | | |
| | | | |
| | | | |
| | | | |
| | | | |

| OE CODE NUMBER | OCCUPATIONAL PROGRAM TITLE | | TOTAL ENROLLMENT IN PROGRAM | LENGTH OF PROGRAM (*In weeks*) |
|---|---|---|---|---|
| 1 | 2 | | 3 | 4 |
| **14. OFFICE OCCUPATIONS** | | | | |
| 010000 | ACCOUNTING & COMPUTING | | | |
| 020000 | BUSINESS DATA PROCESSING SYSTEMS | | | |
| 030000 | FILING, OFFICE MACHINES, & GENERAL OFFICE CLERICAL OCCUPATIONS | | | |
| 040000 | INFORMATION, COMMUNICATION OCCUPATIONS | | | |
| 050000 | MATERIALS SUPPORT, TRANSPORTING, ETC. | | | |
| 060000 | PERSONNEL, TRAINING, & RELATED | | | |
| 070000 | STENOGRAPHIC, SECRETARIAL, & RELATED | | | |
| 080000 | SUPERVISORY & ADMINISTRATIVE MANAGEMENT | | | |
| 090000 | TYPING & RELATED OCCUPATIONS | | | |
| **04. DISTRIBUTIVE EDUCATION** | | | | |
| 000001 | DISTRIBUTION | 1ST YEAR | | |
| 000004 | | 2D YEAR | | |
| 000002 | COOPERATIVE DISTRIBUTION | 1ST YEAR | | |
| 000005 | | 2D YEAR | | |
| 010000 | ADVERTISING SERVICES | | | |
| 080000 | FOOD DISTRIBUTION | | | |
| 080000 | GENERAL MERCHANDISE | | | |

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| OE CODE NUMBER | OCCUPATIONAL PROGRAM TITLE | TOTAL ENROLLMENT IN PROGRAM | LENGTH OF PROGRAM (In weeks) |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 04 DISTRIBUTIVE EDUCATION (Cont'd) | | | |
| 090000 | HARDWARE, BUILDING, & FARM MATERIALS | | |
| 110000 | HOTEL & LODGING | | |
| 130000 | INSURANCE | | |
| 170000 | REAL ESTATE | | |
| 200000 | SERVICE STATION MANAGEMENT | | |

LIST OF SUPPLEMENTARY CODES FOR DISTRIBUTIVE EDUCATION

| | | | |
|---|---|---|---|
| 020000 | Apparel & Accessories | 070000 | Food Service |
| 030000 | Automotive Sales | 100000 | Home Furnishings |
| 040000 | Finance & Credit | 160000 | Petroleum (Wholesale) |

| | | | |
|---|---|---|---|
| 17 TRADES & INDUSTRIAL OCCUPATIONS | | | |
| 010000 | AIR CONDITIONING | | |
| 020000 | APPLIANCE REPAIR | | |
| 030000 | AUTO SERVICES | | |
| 040000 | AVIATION OCCUPATIONS | | |
| 060000 | BUSINESS MACHINE MAINTENANCE | | |
| 100000 | CONSTRUCTION & MAINTENANCE TRADES | | |
| 110000 | CUSTODIAL SERVICES | | |
| 120000 | DIESEL MECHANIC | | |
| 130000 | DRAFTING OCCUPATIONS | | |
| 140000 | ELECTRICAL OCCUPATIONS | | |
| 150000 | ELECTRONIC OCCUPATIONS | | |
| 190000 | GRAPHIC ARTS OCCUPATIONS | | |
| 210000 | INSTRUMENTS MAINTENANCE & REPAIR | | |
| 220000 | MARITIME OCCUPATIONS | | |
| 230000 | METALWORKING OCCUPATIONS | | |
| 260000 | PERSONAL SERVICES OCCUPATIONS | | |
| 280000 | PUBLIC SERVICES OCCUPATIONS | | |
| 290000 | QUANTITY FOOD OCCUPATIONS | | |
| 300000 | REFRIGERATION | | |
| 310000 | SMALL ENGINE REPAIR | | |
| 340000 | LEATHER WORKING | | |
| 860000 | WOODWORKING OCCUPATIONS | | |

| OE CODE NUMBER | OCCUPATIONAL PROGRAM TITLE | TOTAL ENROLLMENT IN PROGRAM | LENGTH OF PROGRAM (In weeks) |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 17 TRADES & INDUSTRIAL OCCUPATIONS (Cont'd) | | | |

LIST OF SUPPLEMENTARY CODES FOR TRADES & INDUSTRIAL OCCUPATIONS

| | | | |
|---|---|---|---|
| 050000 | Blueprint Reading | 170000 | Foremanship, Supervision & Management Development |
| 070000 | Commercial Art Occupations | | |
| 090000 | Commercial Fishery Occupations | 240000 | Metallurgy Occupations |
| 190000 | Commercial Photography Occupations | 270000 | Plastics Occupations |
| 160000 | Fabric Maintenance Services | 320000 | Stationary Energy Sources Occupations |

| | | | |
|---|---|---|---|
| 19 TECHNICAL EDUCATION | | | |
| 010100 | AERONAUTICAL TECHNICIAN | | |
| 010300 | ARCHITECTURAL TECHNICIAN (Building Construction) | | |
| 030600 | BIOMEDICAL TECHNICIAN | | |
| 011400 | COMPUTER CIRCUITRY TECHNICIAN | | |
| 010700 | ELECTRICAL TECHNICIAN | | |
| 010900 | ELECTROMECHANICAL TECHNICIAN | | |
| 010800 | ELECTRONIC TECHNICIAN | | |
| 011000 | ENVIRONMENTAL TECHNICIAN | | |
| 080700 | FASHION TECHNICIAN | | |
| 010500 | INDUSTRIAL CHEMISTRY TECHNICIAN | | |
| 011200 | INSTRUMENTATION TECHNICIAN | | |
| 011300 | MECHANICAL DESIGN & CONSTRUCTION TECHNICIAN | | |
| 060800 | PHYSICAL SCIENCE TECHNICIAN | | |
| 060600 | POLICE SCIENCE TECHNICIAN | | |





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| OE CODE NUMBER | OCCUPATIONAL PROGRAM TITLE | TOTAL ENROLLMENT IN PROGRAM | LENGTH OF PROGRAM (In weeks) |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 07 HEALTH OCCUPATIONS | | | |
| 010100 | DENTAL ASSISTANT | | |
| 010300 | DENTAL LAB TECHNICIAN | | |
| 070100 | ENVIRONMENTAL HEALTH ASSISTANT | | |
| 020300 | MEDICAL LAB ASSISTANT | | |
| 030300 | NURSING AIDE | | |
| 040100 | OCCUPATIONAL THERAPY ASSISTANT | | |
| 040200 | PHYSICAL THERAPY ASSISTANT | | |
| 030200 | PRACTICAL NURSE | | |
| 060100 | X RAY TECHNICIAN | | |

| OE CODE NUMBER | OCCUPATIONAL PROGRAM TITLE | TOTAL ENROLLMENT IN PROGRAM | LENGTH OF PROGRAM (In weeks) |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 19 HANDICAPPED PROGRAM *(DIFFERENTIATED)* | | | |
| 050600 | AVOCATIONAL EXPERIENCE | | |
| 050700 | PREVOCATIONAL WORK EXPERIENCE | | |
| 050300 | SPECIALIZED VOCATIONAL PREPARATION | | |
| 050100 | VOCATIONAL INFORMATION | | |

## PART IV MISCELLANEOUS CURRICULUM INFORMATION

A1 PLEASE LIST THE NAMES OF THE HIGH SCHOOL COURSES REQUIRED OF ALL PUPILS IN ORDER TO GRADUATE FROM 12TH GRADE IN THIS HIGH SCHOOL

IF YOUR SCHOOL DOES NOT OFFER 12TH GRADE CHECK THIS BOX ☐

| 8 DIGIT OE CODE NUMBER | COURSE TITLE |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

A2 IF **NO SPECIFIC COURSES** ARE REQUIRED FOR GRADUATION STATE THE GENERAL HIGH SCHOOL GRADUATION REQUIREMENTS

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A DOES THIS SCHOOL HAVE A **CORE PROGRAM**? (Check one)
1 ☐ YES 2 ☐ NO

*If YES, enter the following information for each grade to which it is applicable*

| FOR OE USE ONLY | SUBJECTS COMBINED IN CORE *Please list each grade level on a separate line* | NUMBER OF PUPILS ENROLLED (Not to be duplicated in Part II) | MINUTES PER DAY FOR CORE | GRADE LEVEL |
|---|---|---|---|---|
| | | | Min. | |
| | | | Min. | |
| | | | Min. | |

B A **CORE PROGRAM** is an integrated program of classes meeting for a block of time equal to two or more periods and combining or replacing required subjects that would otherwise be taught separately. Characteristically, core includes all pupils at a particular level, is guidance-oriented, is problem-oriented (with open-ended problems), ignores subject-area lines, and involves pupil-teacher planning within prescribed guidelines. Frequent combinations in core are English, Social Studies and Orientation in junior high school years.

C COURSES TAUGHT IN **ALTERNATE YEARS**. DOES YOUR SCHOOL OFFER, IN ALTERNATE YEARS, ANY COURSES IN WHICH THERE IS NO ENROLLMENT DURING THIS (1970-71) SCHOOL YEAR?
(Check one) 1 ☐ YES 2 ☐ NO

*If YES, list below the name of each course and the course with which it alternates*

| OE CODE NUMBER | NAME OF COURSE NOT BEING TAUGHT THIS YEAR | YEAR LAST TAUGHT | ALTERNATES WITH: OE CODE NUMBER | ALTERNATES WITH: NAME OF COURSE BEING TAUGHT THIS YEAR |
|---|---|---|---|---|
| | *For example:* | | | |
| 111630 | TRIGONOMETRY | 1969-70 | 111204 | SOLID GEOMETRY |
| | | | | |
| | | | | |
| | | | | |

C Some high schools manage to expand the scope of their subject offerings through alternating certain courses every other year. EXCLUDE patterns where courses are regularly offered less frequently or whenever effective demand is manifested.

Alternate year offerings make it possible for pupils to take more courses than the school is able to provide each year, though possibly in reverse order. French IV might precede French III, or Physics might precede Chemistry, for a particular pupil's program, but he is able to study all of these during his high school years.

D IS YOUR SCHOOL CURRENTLY PARTICIPATING IN ANY **EXPERIMENTAL** OR **INNOVATIVE PROJECTS** WITH RESPECT TO CHANGES IN THE ORGANIZATION OR PRESENTATION OF JUNIOR OR SENIOR HIGH SCHOOL SUBJECTS?
(Check one) 1 ☐ YES 2 ☐ NO

*If YES, provide the following details:*

| NAME OF PROJECT | GRADE LEVEL | BRIEF DESCRIPTION | SOURCE OF FUNDS: FEDERAL | STATE | OTHER |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

D For purposes of this item, list ONLY those projects dealing with subject offerings.

Enter an "E" or an "I" after the Name of Project indicating whether it is experimental (E) or innovative (I).

An EXPERIMENTAL PROJECT is an attempt to improve or enrich the school program for all pupils or specific groups by the provision of new approaches and/or supplementary services and activities. The project is conducted under controlled conditions, with evaluation built into its basic plan.

An INNOVATIVE PROJECT is one which changes the basis on which learning has been offered traditionally. It may involve changes in class organization, a new approach to the presentation of subject matter, a shift in methodology, or any departure from usual practice.





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E. DOES YOUR SCHOOL PROVIDE FOR THE FOLLOWING? (Check YES or NO)

1. COMMUNITY PARTICIPATION IN PLANNING AND/OR PRESENTING CLASS PROGRAMS 1 ☐ YES 2 ☐ NO
2. SPECIALIZED TUTORING FOR DISADVANTAGED STUDENTS 1 ☐ YES 2 ☐ NO

F. DOES YOUR SCHOOL MAKE PROVISION FOR 1 ☐ **ACCELERATION** OR 2 ☐ **ENRICHMENT** FOR PARTICULAR GROUPS OF PUPILS? (Check one or more)

**1. IF ACCELERATION**

A. DO YOU MAKE PROVISION FOR 7TH OR 8TH GRADERS TO TAKE COURSES USUALLY TAUGHT IN GRADES 9-12 SUCH AS ELEMENTARY ALGEBRA OR BIOLOGY?

1 ☐ YES 2 ☐ NO

*If YES, what are the 9-12 grade courses with 7th and 8th graders enrolled this year?*

| OE CODE NUMBER | NAME OF GRADE 9-12 COURSE | NUMBER OF 7TH & 8TH GRADERS ENROLLED |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

B. DO YOU HAVE AN HONORS CURRICULUM THAT ALLOWS SUPERIOR PUPILS TO COMPLETE REQUIRED HIGH SCHOOL COURSES IN LESS THAN THE USUAL NUMBER OF YEARS AND

(1) TAKE ADVANCED PLACEMENT COURSES IN THE 12TH GRADE 1 ☐ YES 2 ☐ NO
(2) ACHIEVE EARLY ENTRANCE INTO COLLEGE 1 ☐ YES 2 ☐ NO
(3) OTHER OPTION (*Specify*)

C. IF YOU PROVIDE FOR ACCELERATION IN OTHER WAYS, DESCRIBE YOUR PROGRAM BRIEFLY

**2. IF ENRICHMENT**

A. DO YOU MAKE PROVISION FOR ANY OF THE FOLLOWING? (*Check all that apply*)

(1) ☐ FIELD TRIPS
(2) ☐ USE OF OUTSIDE SPECIALISTS AVAILABLE IN THE AREA FOR CLASS PRESENTATIONS
(3) ☐ USE OF OUTSIDE SPECIALISTS ON CLOSED CIRCUIT TV
(4) ☐ PROFESSIONAL THEATRICAL OR MUSICAL PRESENTATIONS IN THE SCHOOL
(5) ☐ SEMINARS FOR SMALL GROUPS PARTICULARLY INTERESTED IN AN AREA OF STUDY
(6) ☐ STUDENT PARTICIPATION IN PLANNING CLASS ACTIVITIES
(7) ☐ SPECIAL SUMMER SCHOOL COURSE OFFERING FOR ENRICHMENT OF SCHOOL YEAR PROGRAM
(8) ☐ INDIVIDUAL COUNSELING
(9) ☐ COMPUTER ACCESS FOR PUPILS IN MATHEMATICS CLASSES
(10) ☐ COMPUTER ACCESS FOR PUPILS WORKING IN AREAS OTHER THAN MATHEMATICS
(11) ☐ SPECIALIZED TUTORING FOR GIFTED STUDENTS

B. DOES THIS SCHOOL OFFER ANY COURSES THAT ARE SHORTER THAN NINE WEEKS?

1 ☐ YES 2 ☐ NO

*If YES, list the courses and their duration.*

| NAME OF COURSE | NUMBER OF WEEKS |
|---|---|
| | |

C. IF YOU PROVIDE FOR ENRICHMENT IN OTHER WAYS, DESCRIBE YOUR PROGRAM BRIEFLY



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## PART V. RESPONDENT'S EVALUATION OF PRETEST QUESTIONNAIRE

1. ARE ALL QUESTIONS ON THIS FORM RELEVANT TO THE CURRENT OPERATION OF YOUR SCHOOL? 1 ☐ YES 2 ☐ NO *(If NO, which specific items are irrelevant and why? Cite item number.)*

2. ARE THERE ITEMS WHICH SHOULD BE WORDED MORE CLEARLY? 1 ☐ YES 2 ☐ NO *(If YES, which items and what wording would you suggest in each item?)*

3. DID YOU FIND THE DEFINITIONS AND INSTRUCTIONS SUFFICIENTLY CLEAR AND ADEQUATE? 1 ☐ YES 2 ☐ NO *(If NO, list specific suggestions for their improvement.)*

4. DOES THE QUESTIONNAIRE ALLOW SUFFICIENT SPACE FOR RESPONSES? 1 ☐ YES 2 ☐ NO *(If NO, list by item number those items requiring more space.)*

5. HOW LONG DID IT TAKE YOU TO COMPLETE THE QUESTIONNAIRE? *(Including searching for specific data.)* → MINUTES

6. LIST THE SOURCES FROM WHICH YOU ABSTRACTED THE INFORMATION NECESSARY TO COMPLETE THE QUESTIONNAIRE, SUCH AS INDIVIDUAL PUPIL RECORDS, ANNUAL REPORTS PREPARED FOR YOUR STATE EDUCATION AGENCY, ETC.

COMMENTS

| PREPARED BY | NAME | | | POSITION OR TITLE | |
|---|---|---|---|---|---|
| | NAME OF SCHOOL | | | ADDRESS OF SCHOOL *(Include ZIP Code)* | DATE |
| | TELEPHONE | AREA CODE | NUMBER | EXTENSION | |



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